

## Unit 1. General Information

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The Extension Course Institute (ECI) was established in 1950 as one of Air University's professional specialized schools. As the Air Force's only correspondence school, the institute's original mission was to provide voluntary nonresident courses for both active duty and reserve Air Force personnel. Today, with a staff of both civilians and military members, the institute supports formal training and educational programs of the Air Force, Air National Guard, and Air Force Reserve. The institute provides career broadening courses to people throughout the Department of Defense and to civil service employees in all federal agencies.

### **Mission**

Over the years the institute's mission has undergone several major changes. In 1963 the institute became an essential and mandatory part of the dual-channel on-the-job-training program when it started providing self-study materials for the specialty knowledge portion of the Air Force's official upgrade training program. In 1969 the Extension Course Institute was given the additional mission of providing study reference materials used in preparation for specialty knowledge testing under the weighted airman promotion system. Since 1977 the institute has functioned as the registrar for Air University. The Air University Registrar maintains records and issues diplomas, not only for the institute's courses but also for all Air University schools except the Air Force Institute of Technology. Beginning in February 2000, the Registrar became a part of the

Air University Academic Office (AU/CF), but continues to provide registrar support to the Air Force Institute for Advanced Distributed Learning (AFIADL).

## Objectives

AFIADL's motto—Air Force Readiness Through Education—stems from a belief that educational improvement of our Air Force men and women increases their ability to support the military posture of our nation, and that military readiness requires continuing education and training of all our armed forces. AFIADL sustains and strengthens this role through:

- Maintaining excellence in correspondence courses. This is done through internal efforts, accreditation through the Distance Education and Training Council (DETC), and review by the Air University Board of Visitors.
- Continuing American Council on Education evaluation of our courses for credit recommendations in upper baccalaureate, lower baccalaureate, and vocational areas. This program assists graduates of our courses to continue their education and pursue degrees at non-DoD institutions.
- Providing our expertise to larger correspondence education communities. Our annual participation in a variety of conferences, and publishing articles in journals are the methods we use to gain and share knowledge.
- Maintaining an open line of communication to benefit the students. The AFIADL *Catalog* provides up-to-date information on our courses, programs, and points of information.

## Organization

The Air Force Institute for Advanced Distributed Learning's entire focus is distance learning. It delivers education and training at a distance by developing, publishing and distributing career development courses, professional military education and specialized courses to Air Force warfighters and warfighting support people worldwide. AFIADL also distributes study material to eligible Air Force enlisted personnel in support of the Weighted Airman Promotion System (WAPS). The Air University Registrar, formerly a part of AFIADL, continues to provide enrollment services, maintain records, and produce transcripts and diplomas for non-resident courses.

## Initiatives Summary

AFIADL operates in a fully automated environment. Course development, production, distribution, and the registrar and student administration functions are managed on a sophisticated system consisting of nearly 400 PCs and a mainframe. To profit from

rapidly growing technological capabilities, AFIADL is enhancing its efficiency and productivity by procuring advanced computer systems and software. The new equipment and software should greatly enhance AFIADL's ability to meet the needs of the Air Force for better training at a better price. Students will experience better service and enjoy more current lessons. All of these AFIADL improvements will contribute to increased Air Force readiness.

## **CBI**

In November of 1993, AFIADL incorporated the first computer-based instruction (CBI) in the curriculum. To date, we have several courses that incorporate CBI, with interest from the functional areas in converting more paper courses to multimedia.

CBI is recognized Air Force-wide as a viable alternative in distance learning for certain subject areas. For the student, the difference between the traditional print-based product and computer-based instruction is in the delivery mode, with CBI offering more interactivity. The same educational methodology is applied in the development of each medium. CBI is forwarded to you in the form of floppy diskettes or compact disks with supplementary hard copy instructions for loading and possible additional printed reference material or read.me files for printing. Instructions also include a brief description of minimum hardware requirements for the product. **NOTE:** Hardware requirements are also listed in the catalog under each course number. Please review the hardware requirements before enrolling in CBI courses.

## **Resident Curriculum**

### **ECI Course for Authors —MECI 100**

Acting within budget restrictions, the institute conducts a one-week course to provide new writers of career development courses with the basic knowledge and experience needed to produce effective extension course materials. The course is a practicum in the use of instructional systems development to write and revise career development courses. During the week, new writers work under the tutelage of institute educators and gain hands-on experience in every phase of course development: planning; writing topical statements; developing tests and text; and processing and evaluating a course. New writers also become familiar with the institute's procedures and become acquainted with staff members with whom they will be working.

## **Non-Resident Curriculum**

AFIADL offers over 400 courses in three categories—professional military education courses, specialized courses, and career development courses.

## Professional Military Education (PME) Courses

The professional military education courses are taken by both commissioned and noncommissioned officers. These courses teach leadership, management principles, techniques of effective communication, problem solving, analysis of professional reading materials, international relations, national decision making, and defense management. They also cover the psychology of learning, individual differences, and the techniques of teaching. The courses give students the broad skills and knowledge needed to be effective at various stages in their careers.

AFIADL offers Professional Military Education (PME) by correspondence. PME is also available by seminar or in-residence through the subject schools. The institute offers the following programs:

- Air Command and Staff College (ACSC) Distance Learning Programs
- Air War College (AWC) Nonresident Studies
- Civil Air Patrol (CAP) Senior Officer Course
- Non-commissioned Officer (NCO) Academy Correspondence Course
- History of US Air Power
- Airmen Leadership School Associate Program
- Squadron Officer School (SOS) Nonresident Programs
- Senior Non-commissioned Officer (NCO) Academy Correspondence Course
- Senior Non-commissioned Officer (SNCO) Academy Multimedia Correspondence Course
- USAF Reserve (USAFR) Officer Preparatory Course

## Specialized Courses (SCs)

These courses provide valuable information and career broadening knowledge to individuals. AFIADL offers specialized courses in several career fields.

Course Title	Course Fld No
Aircrew Operations	(1A)
Weather	(1W)
General Military Training	(12)
Supervisor Safety	(19)
Public Affairs (CAP)	(20)
Safety (CAP)	(21)
Mission Support	(3S)
Communications-Electronics	(30)
Medical	(4B)
Nursing	(46)
Civil Engineering	(55)

Logistics, Plans and Programs	(66)
<b>Course Title</b>	<b>Course Fld No</b>
Financial	(67)
Personnel	(73)
Public Affairs	(79)
Security Police	(81)

### Career Development Courses (CDCs)

Career development courses constitute the largest portion of the institute's curricula. These self-study courses help enlisted personnel complete the specialty knowledge portion of the dual-channel on-the-job-training program. Enlisted personnel must complete career development courses successfully at various stages to advance in their careers. Career development courses are also available on a voluntary basis to others for career broadening. The institute offers career development courses in the career fields listed in the table below and continued on the next page. Interested students can obtain further information about the institute's courses and enrollment through their base education services office. A complete description and listing of courses offered by AFIADL is available in this catalog.

<b>Course Title</b>	<b>Career Fld No</b>
Aircrew Operations	(1A)
Command Control Systems Operations	(1C)
Intelligence	(1N)
Safety	(1S)
Aircrew Protection	(1T)
Weather	(1W)
Manned Aerospace Maintenance	(2A)
Communications-Electronics Systems	(2E)
Fuels	(2F)
Logistics Plans	(2G)
Missile and Space Systems Maintenance	(2M)
Precision Measurement	(2P)
Maintenance Management Systems	(2R)
Supply	(2S)
Transportation and Vehicle Maintenance	(2T)
Munitions and Weapons	(2W)
Information Management	(3A)
Communications-Computer Systems	(3C)

Civil Engineering	(3E)
Civil Engineering (Fire Protection)	(3E)
Morale, Welfare, Recreation, and Services	(3M)
<b>Course Title</b>	<b>Career Fld No</b>
Public Affairs	(3N)
Security Police	(3P)
Printing Management	(3R)
Mission Support	(3S)
Manpower	(3U)
Visual Information	(3V)
Medical (Except 4Y)	(4)
Dental	(4Y)
Paralegal	(5J)
Chaplain Service Support	(5R)
Contracting	(6C)
Financial	(6F)
Special Investigations	(7S)
Reporting Identifiers	(9S)

## Academic Credit Recommendations

A list of academic credit recommendations for AFIADL courses can be found in the *1998 Guide to the Evaluation of Educational Experiences in the Armed Services* as well as in this *Catalog*.

## Unit 2. Enrollment Information

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**Procedures for Purchasing Career Development Course (CDC)****Materials Utilizing Unit Funds .....2-16****Purchasing Weighted Airman Promotion System Material .....2-16****Eligibility**

Student eligibility is governed by the policies contained in AFI 36-2201, Attachment 3, and AFI 36-2301. Participation in the AFIADL program will not affect selection to the corresponding resident school.

AFIADL courses are available to a variety of individuals whose eligibility to enroll is based on their association with the US Government. Listed below are the various groups whose members may enroll in AFIADL courses. Following the list is a table of enrollment channels for these personnel.

1. Active duty, National Guard or Reserve members of the US military services. Retired military personnel are not eligible for enrollment.
2. Civil Air Patrol senior member officers or cadets who have achieved the General Billy Mitchell Award or higher.
3. Employees of the United States government, including nonappropriated fund and nonappropriated fund instrumentality employees.
4. Civilians of international countries employed by a DOD agency are eligible to enroll in job related CDCs. The request should be processed as a mandatory enrollment, using a unit mailing address, and the AFIADL Form 23 should state 'Employee of the US Government'.
5. International military officers eligible for foreign military sales training programs may request enrollment in USAF PME correspondence programs. They will submit their applications for enrollment to the in- country US representative who will act as sponsor and ensure the applicant meets enrollment criteria. Each enrollment is handled on a case-by-case basis.
6. Air Force contractor employees in accordance with ETCA, Section F, Paragraph 6.9, Air Force Education and Training Course Announcements, (formerly AFCAT 36-2223, *USAF Formal Schools*).
7. Red Cross Volunteers donating their services to the Air Force (job-related career development courses or specialized courses only).

**Pre-enrollment Counseling**

Education Services Officers (ESO) and Education and Training Managers/Monitors/Supervisors are responsible for ensuring that students are properly



enrolled and are aware of the various controls, limitations, and benefits associated with their enrollments. The following topics provide necessary information to use when discussing course enrollments with students.

### ENROLLMENT CHANNELS

Personnel who are	And who are	May enroll in AFIADL courses through	Applications must be approved by
Members of the USAF	On active duty, Air National Guard, or Air Force Reserve assigned to a Unit AFR assigned to a 900 Numbered Sq. RRPS, NARS (Sanctuary), or MAJCOM mobilization augmentee position. AFR assigned to ARPC in a category other than listed above.	MPF/OJT Office, utilizing the BLPS and PC III system, when in upgrade/lateral training or retraining required by their major command to complete the requested course. Education Services Office when enrollment is voluntary HQ ARPC/MSPUC-2 Denver CO 80280-3800 1-800-525-0102 X330	Unit E&T Manager  Air Reserve Personnel Center
Officers who are members of the USAF	On active duty, Air National Guard, or Air Force Reserve Officers assigned to a unit (exception IMA's)	Education Services Office utilizing PC III and BLPS Voluntary Enrollments IMA's. See instructions in Block 1.	Education Services Officer
Civil Air Patrol Members	Senior member officers or cadets who have achieved the General Mitchell Award or higher	Wing Training Office or Education Services Office	Unit Commander or designated representative
Members of other Military services	On active duty, National Guard, or Reserve	Appropriate training or Education Services Office	A designated official of the applicant's service.
US Civil Service, including Non-Appropriated Fund	Employed by the USAF Employed by other Federal agencies	Education Services or Training Office	Education Services Officer or DPC Training Officer
USAF Contractor Employees	Eligible IAW ETCA, Section F, Paragraph 6.9	Education Services Office	Education Services Officer
Civilians of International countries	Employed by the Department of Defense	MPF/OJT or equivalent service Office	Base and Unit E&T Manager or designated official of other services. Application should state "Employee of the US Government." Enroll as mandatory students and use unit address.
Volunteer Workers	Donating their	Education Services	Education Services

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and Red Cross	services	Office	Officer. Application should state "Volunteer Worker."
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Figure 1- 1.

## Enrollment Restrictions

1. Air Force active duty, Guard, and Reserve enlisted personnel may not enroll voluntarily in a CDC. This restriction applies to all federal employees who have military affiliation as a member of the Air Force Reserve. All CDC enrollments for Air Force enlisted personnel will be submitted through the training office utilizing the BLPS and PC III, and must be mandatory.
2. Enrollments which result in the student obtaining WAPS study material are not authorized.
3. Enrollments in CDCs must be job related. The first two digits of a course number are used to verify whether a course is job related and in the individual's career field. Non-job related enrollments in CDCs require written certification from the individual's supervisor or officer-in-charge stating the CDC is necessary for job performance. In addition, active duty military enrolling in non-job related courses with proper certification, will still enroll mandatorily and will incur the penalties listed in No. 5 below.
4. Enrollments in specialized courses will be voluntary.
5. Active duty military students cancelled for course failure in mandatory CDCs, or dropped for nonparticipation, or withdrawn per student request, may *not* reenroll in CDCs. Waivers to enroll in follow-on CDCs with prerequisite requirements will not be processed.
6. Students must possess the appropriate security clearance to be eligible to enroll in classified courses.

## Enrollment in More Than One Course

1. Students who are training for award of a 3-skill level Air Force specialty code (AFSC) must *not* be concurrently enrolled in the 5-skill level Career Development Course (CDC) for the same AFSC. (**EXCEPTION:** Medical Laboratory Technician (4T). This restriction applies to all federal employees who have military affiliation as a member of the Air Force Reserve.
2. Personnel who are eligible to participate voluntarily are limited to *one* voluntary enrollment in a CDC or specialized course at a time. The ESO may approve a voluntary enrollment only if:
  - (a) Any previous voluntary enrollment in a CDC or specialized course has been completed. A course failure in a *voluntary* CDC or specialized course is an unsatisfactory completion and does not incur a penalty.
  - (b) Any penalty incurred for noncompletion of a previous voluntary enrollment in a CDC or specialized course has expired. ESOs should carefully check the training record of each potential voluntary enrollee to ensure enrollment eligibility.

- (c) A student may be enrolled voluntarily in a PME course or program along with a CDC or specialized course enrollment.

## **Waiver of Mandatory Course Prerequisites**

Specific education, training, grade, or other prerequisite enrollment requirements are listed, when applicable, following the description of course content. Waivers cannot be processed for prerequisite requirements. After two time course failures, single course waivers for CDC series (A-B-C-etc.) can only be processed if there are no prerequisite requirements. When completion of prerequisites are required for follow-on enrollments, waivers must be processed for the entire CDC requirement (A-B-C-etc.).

## **Course Time Limits**

AFIADL courses must be completed within specific time limits, depending upon the type of course or the type of enrollment. The time limits stated for the various programs/enrollments below begin from the date of enrollment and require the completion of the course examination, and a retake CE, if necessary. The date of enrollment is printed on the Enrollment Postcard which is forwarded to each new enrollee.

- Air War College (AWC) Program—Correspondence and Seminar students should refer to the Student Guide (included with every course package) to determine course time limits.
- Air Command and Staff College (ACSC) Program—Students should refer to the student handbook (included in every course package) to determine course time limits.
- Squadron Officer School (SOS) Program—Refer to student handbook.
- Senior NCO Academy Correspondence Course—Refer to student handbook.
- NCO Academy Correspondence Course—Refer to student handbook.
- All Other Courses—12 months (30 additional days are allotted for ordering, processing, and mailing CDCs.)
- Specific Specialized Courses are 6 months.

## **Course Completion**

Satisfactory completion of the course examination or retake examination within the enrollment time limit constitutes course completion. To complete the course examination or retake satisfactorily, the student must attain a passing score. The passing score for CDCs and most specialized course examinations is 65 percent. However, the passing score for PME courses varies. Passing scores for these courses are:

- Course 00001—60%
- Course 00013—65%
- Course 00017—60%
- Course 00050—65%
- NCO Academy—60%
- Course 00005, Senior NCO Academy Multimedia—80%
- Squadron Officer School—65%
- Satisfactory completion of the Air Command and Staff College program is based on a score determined by ACSC.
- Satisfactory completion of the Air War College program is based on a score determined by AWC.

## Disenrollment

Failure to complete a mandatory course/program in the specified time limits will result in automatic disenrollment. Voluntarily enrolled students who are disenrolled for noncompletion of a specialized course or CDC within the time limits are *ineligible* to enroll voluntarily in a specialized course or CDC for six months following the date of disenrollment. Active duty Air Force personnel disenrolled from mandatory CDCs for noncompletion will not be eligible to reenroll in CDCs again. Enrollees in PME programs should see specific course guides and/or handbooks.

## Enrollment Extensions

Students are granted enrollment extensions in some courses when events beyond their control prevent them from meeting the time requirements. Extensions are limited to a maximum of four months per CDC, specialized course, and single course PME program. Extension requests should be submitted approximately three months prior to enrollment expiration. Enrollees in multi-course PME programs should see specific course guides and/or handbooks.

- Base E&T Managers and Education Service Centers may request initial maximum extensions for mandatory and voluntary Air Force military enrollees through the base-level personnel system, if the capability is available. (**NOTE:** Confirmation or rejection of this input can be verified by the Transaction Register (TR) that lists PTI 40S, usually received about 7-10 days after the original input.)
- Students other than Air Force military personnel must request their extensions. All requests must be fully justified and submitted to AFIADL in writing or to the

Education Services Officer who may contact AFIADL via the Defense Switching Network (DSN).

- The losing unit is responsible for requesting an extension of the course prior to departure of the trainee.

## **Reenrollments**

### **Specialized and Career Development Courses**

Students who are eligible to enroll in a course for a second time should follow normal enrollment procedures, even though they possess the original course package. This provides them with current course materials and assures compatibility of course materials with updated course examinations.

In the event that a mandatory enrollment expires before completion of the course or a student requests disenrollment from a mandatory CDC, the trainee will be restricted from reenrollment. Waivers to this policy must fully document extenuating circumstances that justify reenrollment. These requests are processed through the major command of assignment and then forwarded for action to HQ AFPC/DPPAT.

### **Mandatory CDCs**

Students who are cancelled for two-time course failure in a mandatory CDC may not reenroll in CDCs in a mandatory or voluntary status.

### **Professional Military Education Programs**

Refer to AFI 36-2301 for procedures to request waivers for enrollment in PME Programs. Also see specific PME Course Study Guide and/or Handbook.

### **Reactivation Procedures**

All requests for reactivations must be signed by the wing commander, include a brief history of the trainee's progress, circumstances that led to disenrollment, other extenuating factors (as appropriate), measures implemented to prevent future disenrollments, if an exam is required, and a statement that the student is ready to test. Wing commanders will approve reactivations only if the period of disenrollment is 90 days or less. After approval by the wing commander, AFIADL will open the enrollment for 90 days, and forward the course examination, if needed. Any requests for reactivation received at AFIADL, that have not been signed by the wing commander will be forwarded to higher headquarters. Reactivations beyond 90-days must be processed on a case-by-case basis and approved by the MAJCOMs.

#### **NOTE:**

1. To allow sufficient time for processing, reactivations must reach AFIADL well in advance of the 90-day expired limit. Last-minute requests should be sent directly to the MAJCOM for approval.
2. Enrollments that have previously been reactivated for a 90-day period cannot be reactivated again.
3. If an enrollment has expired over 90 days, and the course or edition has been deactivated, reactivation is not possible.

## **Enrollment Procedures**

Active duty, Air National Guard, and Air Reserve personnel are enrolled in AFIADL courses through the BLPS and PC III, but some students are enrolled by using AFIADL Form 23, AFIADL Enrollment Application. Both of these enrollment methods are discussed in this section.

### **BLPS and PC III**

Applications for both mandatory and voluntary enrollments of Air Force military personnel are processed through BLPS and PC III. PC III enrollments are processed in the unit where available and through BLPS by the Base Education & Training Office. (**NOTE:** Confirmation or rejection of this input can be verified by the Transaction Register (TR) that lists PTI 40S, usually received about 7-10 days after the original input.) E&T Managers are required by AFI 36-2622 to enroll mandatory students through the use of these terminals. Education Services Officers (ESOs) also enroll voluntary students through these terminals. PC III problems should be addressed to local PSM personnel. Mandatory enrollments will not be manually processed.

### **Air Force Special Investigation Agency Enrollments**

Air Force Special Investigation Agency personnel must process all enrollments through HQ AFOSI/DPPT, 1535 Command Drive, Suite C207, Andrews AFB, MD 20762-7002.

### **Enrollment for AFSCs 1N1X1 and 1N5X1**

These CDCs are administered jointly by AFIADL and Goodfellow AFB, TX. Enrollments will be processed through PC III or BLPS. Upon receipt of the AFIADL Welcome Card (AFIADL Form 9), training managers must contact the 315 TRS/DOED, 154 Canberra Street, Suite A, Goodfellow AFB TX 76908-4002 in writing (FAXs sent to 477-5666 are acceptable) to coordinate shipment of CDCs. The request should include the course number, unit POC, DSN number, unit mailing address, and Defense Intelligence Agency (DIA) document account number. If this is a



first time request, the letter must also include a unit security manager endorsement verifying the training manager's security clearance and certifying that the unit has suitable storage capability for Secret material.

### **Enrollment for Reporting Identifiers 9S100**

Applied Geophysics and Applied Sciences Job Knowledge Development Courses (JKDCs) are administered jointly by AFIADL and Goodfellow AFB, TX. Enrollments will be processed through PC III or BLPS. AFIADL will send a Welcome card (AFIADL Form 9) and a test answer sheet. Unit training managers must then contact 312 TRS/DOEX, 170 Griffin Street, Suite 1B, Goodfellow AFB, TX 76908-4213 in writing (DSN FAX 477-4501) to coordinate shipment of JKDCs. Provide the following information when ordering: Course number, enrollee's name, SSAN, rank, enrollment date, unit of assignment, and the unit's POC, DSN number, and where JKDCs will be shipped. If the enrollee is stationed at other than an AFTAC unit, the request must also include a separate letter (or endorsement on the JKDC enrollment request letter) from the unit security manager verifying the enrollee's security clearance.

### **Test Control Facility (TCF) Number**

When enrolling students through Base Education and Training Office, Education and Training managers must make sure they use the correct TCF zip code and shred (11 digits - zip code, dash, plus four numbers and shred). In most cases they will use the local number, but not when enrolling a student from a geographically separated unit (GSU) serviced by their MPF. In that case they should use the TCF zip code and shred of the enrollee's base of assignment.

The correct four digit extension to the zip code should not consist of 0001, 5000, or 0000. TCFs utilizing these extensions should obtain correct plus four extensions from the local postal system. To ensure that the correct TCF number is available, it is extremely important that Base Training and Education Service Offices request PSMs update the TCF Local Table to include the TCF 9-digit zip code and shred of all GSUs serviced by the MPF. When processing an enrollment through PC III, the TCF table can be viewed by pressing F4 when the TCF field is highlighted. This method can be utilized to verify that accurate information is reflected in the TCF Table. In addition, the unit requesting enrollment or in-processing transferring students should ensure the enrollment request reflects the enrollee's correct TCF zip code and shred. When a new testing facility is established at a base, the test control officer should immediately notify the servicing personnel systems manager (PSM) to update the TCF Local Table with the zip code and shred of the new office.

### **AUTODIN Control**

Occasionally, through the autodin transmission of BLPS enrollments, batches of enrollments are terminated before reaching AFIADL. When enrollment batches are

missing, they are revealed on the AUTODIN Cumulative Log at AFIADL. After a missing batch is identified, AFIADL contacts the appropriate PSM and requests retransmission. An official tracer action determines where the enrollment terminated.

### **AFIADL Form 23, Enrollment Procedures**

The AFIADL Form 23 is used for:

- US civil service employees, Department of Defense (DOD) military personnel, other than Air Force members, Civil Air Patrol members, volunteer and contract workers, and international civilian employees of DOD agencies.
- Applications for courses requiring certification or special approval.
- All AFIADL Form 23s received from active duty Air Force military personnel will be returned to sender without action.

**NOTE:** ESOs and E&T managers should use AFIADL(ECI) Form 63 to request bulk shipment of AFIADL Forms 23 from AFIADL/DMS, 50 South Turner Blvd, Maxwell AFB, Gunter Annex AL 36118-5643.

To complete the enrollment application follow these instructions:

#### *Item 1*

AFIADL Course Number Desired: Check the *AFIADL Catalog* for the course number, availability of course, and eligibility. For CBI course materials also check for system compatibility prior to course enrollment. If for OJT, consult the current list of AFSCs with required CDCs to determine the proper course for enrollment.

#### *Item 2*

SSAN: Verify Social Security Account Number.

#### *Item 3*

Identity Category: Insert the number or the letter of the appropriate category. See table below:

Category
----------

(For all enrollees)			
AFRES - EAD OFF	1	Marine-ACT/RES	Q
AFRES - EAD AMN	2	Coast Guard-ACT/RES	H
ANG - EAD OFF	3	AFRES - Non EAD OFF	A
ANG - EAD AMN	4	AFRES - Non EAD AMN	B
Reg AF - OFF 5		ANG - Non EAD OFF	C
Reg AF - AMN	6	ANG - Non EAD AMN	D
CAP	7	Foreign Military	F
Army - ACT/RES/NG	8	U.S. Civilians	P
Navy - ACT/RES	9	International Civilians	S

*Item 4*

Name: Verify initials and spelling of name.

*Item 5*

Reason for Enrollment: Check one block only.

Code L—MANDATORY ENROLLMENT: Active duty Air Force, Guard, and Reserve personnel enrolling as required by regulations, manual, or other directive, i.e., those engaged in upgrade, lateral, qualification, or retraining programs under AFI 36–2201. **NOTE:** AFIADL Form 23 should not be used. Civilians of the international countries enrolling in job related CDCs must be enrolled as mandatory students using an AFIADL Form 23. Enrollment application should state “Employee of the US Government”.

Code N—VOLUNTARY ENROLLMENT: Members of other military services, US Civil Service (including non-appropriated fund) and USAF contractor employees (eligible IAW ETCA, Section F, Paragraph 6.9). Red Cross and other volunteers must include the statement: “Volunteer Worker”. Active duty Air Force, Guard, and Reserve personnel enrolling in specialized or PME courses.

*Item 6*

Pay Grade: Enter pay grade for military personnel as O–3, E–7, etc.; for civilians as GS–5, WG–4, etc.

*Item 7*

TCF Phone (DSN): Use the Defense Switching Network number of the TCO or approving official.

*Item 8*

Address: Make sure this block contains the address of the unit of assignment for those who marked L as a reason for enrollment in item 5. Indicate the current mailing address for all other personnel.

*Item 9*

Zip code/shred of TCF: Make sure this block contains the 9-digit zip code/shred of the test facility that will administer the course examination.

*Item 10*

Course Title: This is not mandatory but is useful. It may be used by individual offices, if needed.

*Item 11*

Signature and Title of Approving Official: Approving official confirms eligibility of student, accuracy of data and then signs the form. (See Table 1 for additional guidance).

**NOTE:** Applications must be complete and accurate. Student enrollments and course records are computer processed. The student record file is maintained in course and SSAN sequence. Unless all necessary information is complete and accurate, the computer will reject the enrollment. Accuracy is imperative for enrollment processing.

## **PME Correspondence Programs Enrollment**

Enrollments for all PME correspondence programs are processed via BLPS. However, AWC and ACSC nonresident programs require certain eligibility requirements, and procedures vary from normal AFIADL enrollments. ESOs should refer to AFI 36-2301 for procedures to follow to obtain assistance or address questions concerning course or student status and requirements.

## **Air Command and Staff College Distance Learning Program**

The ACSC Distance Learning Programs, both correspondence and seminar, require completion of a 69-lesson course. Correspondence enrollments must be submitted through BLPS to AFIADL, MAFB Form 117 may be used *only* if BLPS is not available.

To enroll in the ACSC seminar programs an applicant should contact the Education Services Office (ESO). ESOs interested in establishing a new seminar should call DSN 493-7901 or E-mail [acsddl@max1.au.af.mil](mailto:acsddl@max1.au.af.mil). Enrollment dates are announced via message each year. Seminar organizational meetings are held approximately the second week of August and classes begin approximately the third week of August at bases/locations worldwide. Seminar enrollments should be submitted through BLPS; however, a copy of cyber seminar enrollments should be mailed into ACSC/DLO, 225 Chennault Circle, Maxwell AFB AL 36112-6426, or faxed to DSN 493-4003.

## **Air War College Nonresident Studies Enrollment**

Eligible applicants may enroll in the AWC seminar program between March and July and may enroll in the correspondence program at any time. Applicants must complete Maxwell AFB Form 53 that is available at [www.au.af.mil/au/awc/enrolppr.htm](http://www.au.af.mil/au/awc/enrolppr.htm) and obtain servicing ESO signature as well as the appropriate test control facility number (available from the ESO) to enroll in either program. *AFIADL Form 23, APDSII, or*

*previous versions of Maxwell Form 53 will not be used for enrollment.* Completed Maxwell Forms 53 may be submitted via mail to AWC/NSE, 325 Chennault Circle, Maxwell AFB, AL 36112-6427 or, fax the enrollment form to DSN 493-7225, commercial (334) 953-7225.

## **Obtaining Course Materials for Reference Libraries or Group Training Plans**

AFIADL does not provide course materials for reference libraries or for inclusion in group training plans *without a charge*. If a group study class is considered advisable for comprehensive coverage of a course or materials are considered essential to maintain a reference library, refer to the paragraph on “Procedures for Purchasing Career Development Course (CDC) Material Utilizing Unit Funds.”

## **Procedures for Purchasing Career Development Course (CDC) Material by Individuals**

AFIADL course materials are provided for sale to individuals upon request from the following:

1. Personnel who are eligible to enroll in a career development and specialized course (see Eligibility, page 2-2) but who do not wish to participate as an active student.
2. Commercial firms when the materials are used in a training program.
3. State and federal prison systems.
4. Retired members of the armed forces and civilians acting as private citizens.

When an individual purchases a course, he/she is *not* officially enrolled in the course. Course examinations are not forwarded with the course materials and individuals may *not* request the examinations for course credit.

Price and purchase request forms are found in the back of this catalog. Telephone AFIADL/DMS, DSN 596-4388 or Commercial (334) 416-4388, to determine course availability or to confirm the price of course materials. AFIADL does *not* refund money received for payment of course materials. Not all courses are offered for sale; PME courses, (except course 00050), courses containing sales restricted information, which prohibit their sale, i.e., classified, copyright, or “For Official Use Only” (FOUO) materials and others are restricted for sale.

To purchase, submit a money order or cashier’s check with purchase request form for the exact amount payable to ADSN 6671. Money order and cashier’s check must indicate the correct price or it will be returned without action. The request must include name, mailing address, telephone number, and course number. Forward this information and money order/cashier’s check to AFIADL/DMS, 50 South Turner Blvd,

Maxwell AFB, Gunter Annex AL 36118-5643. A purchase request form can be found in the appendix.

## **Procedures for Purchasing Career Development Course (CDC) Materials Utilizing Unit Funds**

Any DOD organization (flight level and higher) can purchase Career Development Course (CDC) materials utilizing unit funds. The procedures are as follows:

Air Force organizations, flight level or higher	Prepare AF Form 616, Fund Cite Authorization (FCA), with instructions for maintaining this form printed on the reverse, or an IMPAC check, and mail to the address in paragraph below.
Other DOD Agencies	Prepare DD Form 448, Military Interdepartmental Purchase Request (MIPR) and DD Form 448-2 Acceptance of MIPR, or an IMPAC check, and mail to the address in paragraph below.

When an AF Form 616 is used, your Accounting and Finance Office will be able to provide the account classification number, advice number and change numbers. DO NOT prepare a Standard Form 1080. A Standard Form 1080 will be completed by AFIADL for the actual transfer of funds for your CDC purchase(s).

Mail the completed form(s) to AFIADL/DMS, 50 South Turner Blvd, Maxwell AFB, Gunter Annex AL 36118-5643. Upon receipt of the completed form(s), the AFIADL warehouse contractor will process and ship your order via UPS (statewide) and USPS FOURTH CLASS (overseas). If you have any questions about the preparation of your AF Form 616 or to check the status of your order, call (334) 416-4388 or DSN 596-4388. (**NOTE:** Incomplete form(s) will be returned without action.)

When an IMPAC check is used, make it payable to ADSN 6671. The request must include name, mailing address, telephone number, and course number(s). Forward this information and the IMPAC check to AFIADL/DMS, 50 South Turner Blvd, Maxwell AFB, Gunter Annex AL 36118-5643. An order form can be found in the appendix. Copies of this form can be used to order CDC materials.

## **Purchasing Weighted Airman Promotion System Material**

WAPS material can be purchased only during 1 October through 15 June. Request for WAPS material sales received other than the period stated will be returned to the requester with no action taken. The WAPS material must be for the current promotion cycle. For specific information on AFSC requirements refer to the WAPS catalog.

To order, submit a money order or cashier's check for \$18.00 payable to ADSN 6671. The request must include name, rank, mailing address, telephone number,

Control Air Force Specialty Code (CAFSC), and calendar year of testing. See example below:

- CAFSC
- Name/Rank
- Mailing Address
- Telephone Number
- Calendar Year of Testing

Forward this information with money order/cashier's check to AFIADL/DMS, 50 South Turner Blvd, Maxwell AFB, Gunter Annex AL 36118-5643. AFIADL does not refund money received for payment of WAPS material.

## Unit 3. Administration

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## **URE/VRE Scoring Procedures**

Scoring keys and answer sheets for all Unit Review Exercises (UREs) and Volume Review Exercises (VREs) are included in every course package. OJT supervisors/trainers should pull the scoring keys from the student's package and retain them to use in checking each student's progress. Voluntary students should score their own exercises.

## **Base/Unit Functions**

AFIADL depends upon unit education and training personnel to inform eligible persons of the AFIADL courses available, assist in their enrollment, and enforce rules and policies so the program can operate efficiently and provide maximum benefit to both the students and the Air Force.

Education Services Officers are responsible for local administrative handling of voluntarily enrolled students and for ensuring that they meet prerequisite qualifications. This includes reviewing for accuracy, approving, and transmitting applications.

Base Education and Training offices designated by the major commands are responsible for administrative handling of students mandatorily enrolled in CDCs under the OJT program. All mandatory enrollments should be processed through the PC III or APDS II. To prevent delays, Base Education and Training managers must take special care to verify the accuracy of all enrollment data.

## Establishing AFIADL Test Control Facilities (TCFs)

AFIADL establishes TCFs to ensure course examinations (CEs) are secured and administered under proper supervision. CEs are *closed-book* examinations that must be forwarded to and administered by official AFIADL test control officers/administrators. Nonactive duty personnel will be assigned the nearest official TCF. (*NOTE: Under no circumstances will a student be allowed to test at Gunter Annex or Maxwell AFB unless he/she is assigned to or on TDY status to those bases.*)

On Air Force installations, the Base Education and Training Office is the test facility for mandatory enrollees; the education services center is the test facility for voluntary enrollees, unless they are combined into one test control facility. Requests to establish test facilities for Air Force personnel must have the concurrence from the Director of Personnel, and the MAJCOM Education and Training manager or MAJCOM Chief, Education Services Division, as appropriate. AFIADL will not honor requests for establishing Air Force test facilities that do not include written concurrences from the Director of Personnel and MAJCOM Education and Training Manager or MAJCOM Chief, Education Services Division.

Requests to establish a test facility at a geographically separated unit (GSU) must be submitted by the servicing Director of Personnel and must be approved by the MAJCOM Chief, Education Services Division or Training Manager.

- For Air Force Reserve and Air National Guard units, requests must be submitted by the unit commander or designated representative.
- For Civil Air Patrol, requests must be submitted through National Headquarters, Civil Air Patrol, Maxwell AFB AL 36112-5572. Only a state wing headquarters may be established as an AFIADL test facility.
- For non-Air Force organizations, requests must be submitted directly to Air University Registrar, AU/CFR, 60 Shumacher Ave, Maxwell AFB, AL 36112-6337, and must be approved by agency commander or training director.

AFIADL closely monitors the requests for new testing facilities and approves only those facilities that are necessary to ensure each student is given a fair and equitable opportunity to test. Testing facilities will not be established merely for the convenience of a few enrollees.

The commander or supervisor of an organization established as an AFIADL TCF must appoint in writing a test control officer who will be responsible for controlling, securing, accounting for, and administering the CEs according to instructions contained in the *AFIADL Catalog*. The letter of appointment will be kept on file in the TCF. Forward a copy to AFIADL. Commanders granting TCOs approval to receive CEs for AFSCs 1N0X2 and 1N5X1 must also submit a letter to the 315th TRS/DODA, 154 Canberra Street, Suite A, Goodfellow AFB TX 76908-4002 verifying that the TCO possesses a SECRET security clearance.

Members should not be appointed as TCO, or alternate TCO if the test inventory contains AFIADL tests in which the TCO/ATCO is eligible to be enrolled. If a member subsequently becomes eligible for a CDC course currently in custody and having been appointed a TCO/ATCO, the member must relinquish TCO/ATCO responsibilities with a six month restriction from testing, or sign a statement which will restrict the TCO/ATCO from enrollment until six months have elapsed since serving as TCO/ATCO. This restriction is applicable to TCOs/ATCOs who have dual status as a federal employee and as a member of the Air Force Reserve. (ANG may wish to be included.)

After approval to establish a TCF, AFIADL assigns a shred number (used to identify that facility) to the nine-digit zip code/APO number. These combined digits represent an examination code. Test facilities for OJT and for voluntary enrollees are normally separate agencies. However, organizations may consolidate mandatory and voluntary enrollment records, and one test facility may service all enrollees.

Whenever a new test facility is established, the local MPF must add the facility zip code/shred designation to the local test facility table (BLPS).

AFIADL notifies newly established test facilities of the assigned zip code/shred.

## **Changing the Address of a TCF**

The test control officer should notify AU/CFRR, 60 Shumacher Ave, Maxwell AFB, AL 36112-6337, when the test facility designation, address, or zip code changes. If the zip code changes, the TCO should provide the old address, old zip code and shred, as well as the new information. Information may be faxed to DSN 493-8127 or commercial (334) 953-8127.

## **Deleting Test Facilities**

When an AFIADL test facility is no longer required, the test control officer should notify OAS/EIOR to deactivate the office. If any students are actively enrolled at the time of deactivation, the TCO must inform AFIADL of the name, rank, and SSAN of each student; the courses in which the students are enrolled; and the zip code/shred of the new AFIADL test facility where CEs should be forwarded. A test facility cannot be deactivated until all enrollees with that TCF in their records have been transferred to another TCF.

## TCO Directory

Each month the current directory of TCFs is placed on the AFIADL website at [www.maxwell.af.mil/au/afiadl/registrar.tcfpage.htm](http://www.maxwell.af.mil/au/afiadl/registrar.tcfpage.htm). This directory should be used to select TCFs for new enrollees and to ensure course examinations are forwarded to correct TCF addresses.

## Counseling Students on Course Progression

Education services officers, training managers, and supervisors, should ensure each student receives the proper counseling and guidance. Students must understand their responsibility in meeting progress and completion schedules; especially students voluntarily enrolled in specialized courses and CDCs. They should encourage students to begin working as soon as their courses arrive and to study on a regular basis. Closely monitoring their students' progress increases the likelihood of course completions.

## Your Key to a Successful Course

OJT supervisors/trainers should take time to go through the *Key to a Successful Course* pamphlet with each student. ESOs should encourage voluntary students to read the “Key” *prior* to studying course materials. It is a valuable educational tool for students. By reading the “Key,” students will also become familiar with the AFAIDL feedback and reinforcement system of learning.

## Posting Changes

The first step for students to take (after reading the “Key”) is to post changes (if any) to their texts. Changes are noted on the course package shipping list.

## Text Exercises

The texts are divided into learning segments or lessons. Each lesson has a series of self-test questions for the student to complete and to check by using answers provided in the text.

## Unit Review Exercises (UREs)/Volume Review Exercises (VREs)

The text also has multiple choice exercises for the student to complete. Supervisors/trainers should score Unit Review Exercises (UREs) or Volume Review Exercises (VREs) for mandatory students as they complete each unit/volume of study. Voluntary students should score their own UREs/VREs.

**NOTE:** Trainers should be sure to use *only* the scoring keys included in the student's package because scoring keys are updated with each mailing to show the latest scoring changes.

## Requesting the CE

After a student satisfactorily completes all volumes in a course, the course examination (CE) should be requested according to instructions in the course package. One CD-ROM disk containing the five examinations for Course 00005 and one CD-ROM disk containing Civil Engineering CERTest exams will automatically be mailed to the Test Control Facility upon enrollment of a student utilizing that particular TCF zip and shred. The CD-ROM will not be issued to TCFs that do not have students enrolled in the course. Upon receipt of the initial CD-ROM, additional CD-ROMs can be requested by contacting AFIADL/DOD, 50 South Turner Blvd, Maxwell AFB, Gunter Annex, AL 36118-5643, or by calling DSN 596-4628 or commercial (334) 416-4628.

## Administrative Questions

Base education and training offices, as well as most unit training personnel, now have access to the AFIADL student file screens. These screens are available at all times except 1700-2400 Monday through Friday when files processing is being accomplished. Therefore, for help with administrative questions, supervisors/trainers of voluntary students should consult the education office and the training office for mandatory enrollments. The education and training office personnel have been provided with the DSN service and 1-800 numbers for AFIADL. These telephones are manned Monday through Friday from 0700 to 1600 central time by two teams of education technicians who are assigned specific courses (see Menu under "Student Administration, Team Assignments). These technicians can provide official responses to such inquiries as:

1. Replace of course materials.
2. Changes to student's address and TCF. (AFIADL will not routinely process address/TCF change requests when this capability is available through BLPS.)
3. Enrollment extensions beyond the initial 4-month extension which can be processed through BLPS by the education/training personnel. NOTE: Team course assignments are available from the AFIADL Homepage.

Technicians can be reached at the following telephone numbers:

<u>TEAM 1</u>	<u>TEAM 2</u>
1-800-962-4902	1-800-262-9140
DSN: 596-4385	DSN: 596-1041
-4775	-4880
-4945	-4985

Commercial prefix for all numbers: (334) 416-XXXX

## Telefax Service

AFIADL telefax service can be used by calling DSN 596-6143 or commercial (334) 416-6143. If there is a problem with the telefax operation, Education Services Officers or Base Education and Training managers should call Student Administration. The Registrar Services can be reached at DSN 493-8128/1240 or commercial (334) 953-8128/1240 for assistance.

## AFIADL Form 17 (Request for Assistance)

AFIADL Form 17 is used for inquiries *that cannot be processed by DSN*. This form is designed to provide the necessary information to research student records rapidly and to assure that the request is understood. The blocks in Section I must be completed for all inquiries. Checked blocks in Section II indicate the action or information desired. The Remarks section may be used for additional clarification. *All AFIADL Form 17 inquiries concerning a mandatory enrollee should be signed by the supervisor/trainer* indicating the question cannot be answered at that station.

**NOTE:** AFIADL Forms 17 are included in the course material students receive. To request bulk shipments of these forms, ESOs or training administrators should submit AFIADL(ECI) Form 63 to AFIADL/DMS, 50 South Turner Blvd, Maxwell AFB, Gunter Annex AL 36118-5643. (**NOTE:** AFIADL(ECI) Form 63 may be reproduced locally.)

## Electrical Message or Letter

AFIADL responds to message/letter inquiries by the fastest means available. *Message inquiries must be used only for critical or emergency cases*. Message or letter inquiries must include all enrollment record information normally required by the AFIADL Form 17. When writing to AFIADL, the address should always be included on the correspondence as well as the return envelope. Mail is opened by an automated

process and return envelopes are not usually forwarded to the action office with the correspondence. Before requesting CE results, units should allow ample time for mailing and processing of the CE answer sheet. The message address for all inquiries concerning currently enrolled students is AFIADL/DOI.

**NOTE 1:** For students enrolled in the AWC Seminar and Correspondence Programs, Education Services Officers should communicate *directly* with AWC/NS, not with AFIADL, to obtain assistance. They should contact the Directorate of Nonresident Studies (AWC/NS) at DSN 493-7755. Correspondence should be addressed to AWC/NS, 325 Chennault Circle, Maxwell AFB AL 36112-6427. Each student receives Maxwell AFB Form 80, AWC Nonresident Studies Student Request, in the *Program Guide* at the time of enrollment. If used, the AFIADL Form 17 should be sent directly to AWC/NS.

**NOTE 2:** ACSC students should use the MAFB Form 117, to request assistance with issues concerning course policy. There is a copy of this form in the student handbooks and the ACSC ESO Guide. These inquiries should be addressed to ACSC/DTD, 225 Chennault Circle, Maxwell AFB AL 36112-6426, or DSN 493-7901. The AFIADL Form 17 can be used by ACSC students for administrative assistance (i.e., name or rank changes, address changes, TCF changes, extensions, etc.). These inquiries should be addressed to AFIADL/DOI, 50 South Turner Blvd., Maxwell AFB-Gunter Annex AL 36118-5643.

**NOTE 3:** Do not use AFIADL Form 17 to request enrollment in correspondence courses. Enrollments for active duty, Air National Guard, and Air Reserve personnel are processed through BLPS or PC III at their local Base Education Services office. AFIADL Form 23 is to be used for voluntary enrollments for non-military (Air Force) personnel.

## Course Examination Receipt and Control

AFIADL mails unclassified CEs to test control officers (TCOs) who must ensure that exams are secure at all times and that unauthorized personnel are not permitted access to them. AFIADL will only mail the CE answer sheet for courses supporting AFSCs 1N1X1 and 1N5X1. TCOs must request the CE for these AFSCs from the 315 TRS/DOED, 154 Canberra Street, Goodfellow AFB, TX 76908-4002, in writing (FAXs sent to DSN 477-5666 are acceptable) to coordinate shipment of the CEs. The request must include the CE version number, the TCO shred, the TCO address, POC, DSN number, and must be endorsed by the unit security manager certifying that the TCO has a valid security clearance and proper storage capability for material at the Secret level. For all other AFSCs the TCO must:

1. Check the CE to see if the envelope has been tampered with (opened and resealed with tape, stapled, etc.). If it appears to have been tampered with, refer to

instructions concerning a possible compromise. (**NOTE:** The test packet must *not* be opened until the scheduled testing period.)

2. Check the student's name, the numbers that identify the course, the examination form, and the date of enrollment appearing on the address tab of the answer sheet. Be sure that the first three groups of numbers agree with the corresponding numbers on the CE booklet. Do not open the test envelope to check these numbers. The test form number is visible from the back side of the envelope and can be checked against the answer sheet form number without opening the envelope.
3. *After* checking the CE, the TCO records the CE on the test inventory log. (Local forms or computerized records may be used.)

**IF THE NUMBERS DO NOT AGREE, THE TCO:**

1. Does not administer the examination.
2. Retains the answer sheet.
3. Prepares a letter requesting the correct examination booklet as shown on the tab of the answer sheet (e.g., 1A251 900 01) and forwards to AFIADL/DOI, 50 South Turner Blvd, Maxwell AFB, Gunter Annex AL 36118-5643.
4. Destroys the incorrect exam booklet and annotates the test inventory log with reason for destruction, date, and signature.
5. Makes the same checks as above, when the new examination booklet is received.
6. Destroys the duplicate CE answer sheet if received.
7. Follows above procedures to log in the new test.

## **Storage and Security**

The test packet containing the CE booklet and any related material must be kept in the envelope and stored in a metal filing cabinet equipped with a steel lock bar and a three combination dial-type padlock, a metal file cabinet equipped with a combination lock, or an upright safe or vault. Padlock combinations must be changed when the TCO or alternate changes or, as a minimum, annually. The test control officer is responsible for maintaining SF 701, Activity Security Checklist; SF 700, Security Container Information; and SF 702, Security Container Check Sheet.

## **Inventory of Course Examinations**

The TCO must conduct an inventory of test materials at least once every 90 days.

The TCO must open the storage container and identify each test that is physically present in the container by the examination number on the top of the front page such as



1A251 900 01. TCOs must also verify from the front page that each test named is on the test inventory log. If a test presently on file does *not* appear on the test inventory log, annotate the examination number on the log and destroy the test booklet. (**NOTE:** See instructions for destruction of test material.) If a test appears on the test inventory log but is not on file, refer to instructions regarding test compromise.

When the inventory is completed, the TCO must sign the test control inventory log.

Anytime the TCO or alternate changes, the current TCO/alternate and the new TCO/alternate must conduct a joint inventory and change the padlock or safe combinations. Both individuals must date and sign the test inventory log.

The test inventory log should be destroyed six months after the date of the inventory.

## **Test Administration Personnel**

All AFIADL CEs must be administered under the direct supervision of a test control officer, alternate test control officer, or test administrator. Alternate TCOs and test administrators must be appointed and relieved by letter from the TCO.

The TCO should select alternate TCOs and test administrators who possesses unquestionable integrity, maturity, ability to maintain test security, a good speaking voice, and the ability to handle a group of examinees effectively. They should have training and experience in test administration. Test administrators must not be eligible for any course for which they would have access in their role as test administrators, otherwise they must discontinue their role as test administrator with a 6 month restriction from testing, or sign a statement restricting enrollment into any CDC until 6 months have elapsed after last serving as a test administrator. (ANG may wish to be included.)

If more than 15 students are testing at one time, the TCO should appoint at least two test administrators to conduct testing. There should be one testing official available for every 15 students testing. The administrators should be present during the entire testing period.

## **Preparation for Test Administration**

Before a test control officer or test administrator administers a test, he or she should carefully study the procedures outlined in this catalog and in AFI 36-2201. The test administrator should know the purpose of the test, materials needed to give it, the directions, and how to solve problems that may arise in the administration of the test. Test administrators should sign a statement of understanding that they are subject to disciplinary action if test collusion, compromise, or loss is due to their failure to follow the requirements of AFI 36-2201.

## Testing Conditions

Testing conditions can affect test scores. Examinees testing under poor conditions may have test scores that are significantly lower than the scores of individuals testing under more favorable circumstances. For this reason, AFIADL tests should be administered under standard conditions that give each person the opportunity to do his or her best. Testing conditions should encourage a person's best performance.

To ensure proper testing conditions the TCO should:

1. Avoid testing during times that conflict with known local or command exercises or mandatory functions.
2. Provide adequate, comfortable lighting for the room and working surfaces avoiding shadows and strong glare on working surfaces.
3. Control the ventilation, temperature, and humidity, if possible, to provide for the examinee's comfort. The TCO should not conduct testing when environmental conditions are so extreme that they interfere with concentration.
4. Arrange the desks or tables with aisles so the test administrator can circulate about the room during testing.
5. Prohibit smoking in the testing room.
6. Make sure testing sessions are not interrupted. Once testing has begun, excuse examinees only in an emergency (fire, tornado, etc.).
7. Under no circumstance will the testing proctor orally read question(s) for the testee.
8. To avoid potential problems with students accidentally kicking power supply cords or turning off the CPU button when administering electronic exams, position the CPU and all power supply cords so they are not accessible to the student.

**EXCEPTION:** Examinees may be excused to go to the bathroom if absolutely necessary. No more than one student at a time should be excused and the test administrator should ensure the break is reasonably brief.

Test administrators should make sure that examinees:

1. Do not bring any books, briefcases, or unauthorized materials into the testing area.
2. Are all tested under equal or similar conditions.
3. Are reasonably free from distracting influences in the immediate environment.
4. Understand the purpose of the test.

5. Are comfortable and not fatigued or ill.
6. Are seated far enough apart to prevent cheating.
7. Have two #2 black lead pencils with erasers. Scratch paper, if needed, will be provided by the test examiner.
8. May use a hand-held non-programmable calculator for examinations with complex mathematical computations.
9. Make sure no testing material or notes leave testing area.

**EXTENSION COURSE INSTITUTE  
COURSE EXAMINATION**

Match these  
numbers

2A772 900 01

## Nondestructive Inspection Craftsman

**Do not open this booklet until you have read and understand all instructions and the testing official tells you to start the examination.**

**This examination consists of one session not to exceed three hours.**

Use only a No. 2 pencil to fill in all bubbles on the answer sheet, including the "COURSE #," "COMP ID," "EDIT CODE," and "SOCIAL SECURITY #." It is *your* responsibility to fill in the bubbles completely with the No. 2 pencil. If you do not fill in the bubbles, or if you fill them in incorrectly, there will be a delay in grading and posting your student record.

1. Be sure the course, volume, and form numbers shown on your answer sheet match the numbers shown on the examination booklet. If the numbers do *not* agree, notify the testing official immediately.
2. Read each examination item carefully and mark your answers in the circles. If you need to change an answer, transfer your answers to the answer sheet.  
NOTE: Item numbers on the answer sheet are in the left margin.
3. Make no marks on the answer sheet that overflow the lines.

**DIRECTIONS**  
USE PENCIL  
Darken Blocks Completely  
Make No Stray Marks  
Correct Marks  
Incorrect Marks

**COURSE #**  
2 4 2 7 2

**COMP ID**  
200

**EDITION CODE**  
01

**SOCIAL SECURITY #**  
222-222-2222

**DATE**  
01 01 84

**IMPORTANT**  
Match the Course #, Comp ID, and Edition Code on this form with your exam booklet. If these numbers do not match, notify your test administrator immediately. Do not use this form to change your student record information. Continue to use ECI Form 17 for any changes.

**FILL IN THE APPROPRIATE BLOCKS**

**2A772**  
COURSE #

**900**  
COMP ID

**01**  
EDITION CODE

**DATE**

**ECI FORM 35, JAN 84**  
PERSONAL DATA-PRIVACY ACT 1974

**SCANTRON FORM NO. F-6740-EC-1**

**PRINT NAME CLEARLY**  
LAST: \_\_\_\_\_  
FIRST: \_\_\_\_\_

**USE YOUR SSAN**

**Figure 3-1.**

## Test Administration

The TCO or test administrator should briefly explain to the examinees the nature of the test and why it is important for them to do their best. The administrator should try to dispel anxiety, yet, stress the necessity for doing their best.

1. Then the test administrators should:
  - (a) Positively identify all examinees.
  - (b) Fill in the proper information on the test log.
  - (c) Check the test booklet to ensure it is complete and contains no misprints or unreadable material. (**NOTE:** If the booklet contains errors, the test administrator must *not* use that test booklet and should immediately contact AFIADL/DOI for further instructions. *Do not* copy and mail or fax portions of the booklet to AFIADL for assistance as this action could result in a possible compromise.)
  - (d) Collect the Course 5 Test Data Disks from all students taking the 5A exam. This disk will be maintained by the TCF.
2. Before the examinee begins testing, the test administrator should tell the examinee to:
  - (a) Fill in the appropriate blocks entitled “COURSE #,” “COMP ID,” “EDIT CODE,” “SOCIAL SECURITY #,” date tested on back of answer sheet, and mark the bubbles with #2 pencil, to ensure a match when scanned at AFIADL. If this is not done it will delay grading and posting of the student record at AFIADL. Fill in the bubbles on the back of the answer sheet to ensure this date is posted to the AFIADL record. If not *correctly* filled in, the date AFIADL scans the answer sheet will be used.
  - (b) Check the address on the CE answer sheet to ensure results are forwarded to the correct address. If the address is incorrect, use an AFIADL Form 17 to correct and submit the AFIADL Form 17 along with the answer sheet. Testing officials should have AFIADL Forms 17 available.
  - (c) Write his or her name, rank, SSAN, and date of testing on the front cover of the examination booklet. For Course 5, verify that the same version number is contained on the CD and the Test Data Disk and ensure that the Test Data Disk label contains the student’s full name, SSAN, and date of enrollment.
  - (d) Carefully read and follow the special instructions on the cover page of the course examination booklet.
  - (e) Ask questions before opening the course exam booklet.
  - (f) Circle the selected answers on the course exam booklet *before* transferring them to the answer sheet to avoid erasure marks on the answer sheet.

- (g) Remember that the answer sheet is in numerical sequence by column.
  - (h) Note that any compromise of test material, including unauthorized possession of test materials, discussion of test content, or manipulating test dates on electronic exams, are violations of regulations and punishable under the provisions of the UCMJ.
3. During testing, the test administrator will be in charge of the testing room and will not leave once testing begins unless relieved by the TCO or alternate TCO. (NOTE: A TCO, alternate TCO, or test administrator *must* be present at all times during the testing session.) The testing time for the course examination generally should not exceed 3 hours. The test should be administered in one session only. (NOTE: The student is allowed a maximum of 70 minutes to complete each Course 5 exam.)

## Test Completion

After the examinee has completed his or her examination, the test administrator should: (NOTE: This process is very important.)

1. Examine test materials to verify the examinee returned all materials, including authorized worksheets, if applicable.
2. Make sure the examinee's name, rank, SSAN, and the date of the examination is on the front page of the test booklet in which the student has marked his or her responses.
3. Make sure a test examinee has access to the course examination only during the authorized test administration period. An examinee may *not* review the contents of the examination once the testing period has ended and the exam booklet has been returned to the test examiner. Trainers and/or supervisors of examinees may *not* review examination booklets.
4. Retain the test booklet for 45 days from the date the examinee completed the test or until notified that the examination results have been received prior to the 45-day time limit. (NOTE: Tell the examinee that the exam booklet will be destroyed in 45 days *unless* he or she notifies you that the results have not been received.) If there is any question or problem concerning the examination score, retain the booklet until AFIADL has been contacted and the matter has been resolved.
5. Collect and shred, pulp, or burn all used scratch paper and worksheets.
6. Check the answer sheet to make sure there are no extraneous marks on it.
7. Place the answer sheet in the envelope provided and seal the envelope. More than one answer sheet may be sent in an envelope, but this increases the risk of losing or delaying many answer sheets if the envelope is lost or misrouted in the mail. Letters, notes, etc., should not be put in the answer sheet envelope

because grading may be delayed. Annotations made on the answer sheet will be ignored. AFIADL Form 17 should be used for queries.

8. Place completed course examination answer sheets in the mail system by authorized testing office personnel. *Do not* give the envelope with the completed CE answer sheet to an examinee to mail.

## Reporting Test Results

Course examinations are graded upon receipt at AFIADL and test results are mailed as quickly as possible. If an examinee or supervisor notifies the TCO that the test results have *not* been received and AFIADL confirms that the answer sheet has *not* been received, the TCO should:

1. Request a replacement answer sheet from AFIADL/DOI.
2. Mark the answers from the test booklet onto the new answer sheet and forward it to AFIADL for scoring. Do not have the student remark the answer sheet. The answer sheet must be remarked by an authorized testing official. The marked responses should then be double-checked by another authorized testing official to ensure total accuracy.
3. Mark on the test booklet the date the completed answer sheet was forwarded to AFIADL. Again, retain the test booklet 45 days from the date the answers were recorded on the new answer sheet or until notified the examinee received the test results.
4. Destroy the test booklet after notification that the examinee received the test results or the 45 days have elapsed. Annotate the destruction of the test booklet on the test inventory log.

The Course 5 Answer Sheet Manager (ASM) is included with the SNCOA Multimedia Correspondence Course CD. For TCFs needing ASM assistance, refer to the SNCOA Course 5 TCF to AFIADL Transfer Procedures internet web page at <http://www.cdsar.af.mil/afiadl/xferguid.htm>. For TCFs not having internet access, download and print the current copy of **ftp\_eci.doc** for the Microsoft Word Users or **ftp\_eci.txt** for text editors (i.e. Windows Notepad or DOS Edit) from the TCF server.

## Destruction of Test Material

The TCO or test administrator should destroy used, surplus, damaged, or nonessential AFIADL CEs by burning, shredding, or pulping and annotate on the test inventory log the course exam control number, reason for destruction, date of destruction, and signature of the person performing the destruction. If the TCO inadvertently destroys the wrong test, he or she should annotate the test control log and immediately contact AFIADL/DOI for a replacement.

Test control facilities located in the continental United States (CONUS) may destroy nonessential CDC and Specialized Course test packages 90 days after receipt if the examinee has not taken the CE. Overseas TCFs may destroy CE packages after 120 days. THIS IS AN OPTIONAL POLICY. (**NOTE:** Exams for Professional Military Education (PME) correspondence and seminar programs should be retained and destroyed in accordance with the instructions provided by the appropriate PME school.) If the test facility elects to retain nonessential examinations, destruction should be accomplished when the enrollment period expires. Essential CDCs (those required for a trainee's upgrade program), should not be destroyed until results for all exams have been received, or the student changes AFSC assignment. Failure to maintain mandatory CDC exams, even when the enrollment has expired, can result in loss of the opportunity to reactivate. Test Control offices should forward exams for those students who transfer to other locations. (**NOTE:** The test booklet destruction *must* be recorded on the test inventory log.)

## Transfer of Test Material

The TCO should transfer the CE to another test control facility for an individual departing for a permanent change of station (PCS) or extended temporary duty (TDY). The TCO must verify the PCS or TDY by requesting a copy of the student's PCS or TDY orders. Annotate on the test inventory log the new TCF address, date of transfer, and signature of person making the test transfer. (**NOTE:** CEs and Test Data Disks may be forwarded *only* to official AFIADL test control facilities. CEs and Test Data Disks *must not* be forwarded to individuals or unauthorized test facilities. The departing student *must not* hand carry the examination or Test Data Disk to the new testing facility.) The CE packet should be securely wrapped, identified as "CONTROLLED TEST MATERIAL—TO BE OPENED BY TEST CONTROL OFFICER ONLY", properly addressed, and forwarded to the new testing facility by first-class mail.

**NOTE:** The gaining TCO must inform AFIADL of (1) the computer printed information on the answer sheet tab, (2) the student's new unit of assignment, and (3) the new testing office zip code/shred. The gaining TCO must follow procedures previously outlined for receipt and control of CEs.

## Compromise of Course Examinations

AFIADL, bases, and MAJCOMs share responsibility in preventing loss or compromise of AFIADL CEs. All military members, including USAFR and ANG members, DOD civilians, and others under Air Force authority who develop, handle, administer, or participate in the extension course program are prohibited from any actions that could result in the possible compromise of AFIADL CEs. Unauthorized discussion, disclosure, or possession of AFIADL CEs is a violation of Article 92, UCMJ.



Members of the USAF Reserve Components who are not subject to the UCMJ are subject to applicable Air Force administrative sanctions and civilian penalties. Air Force civilian employees are subject to applicable disciplinary action according to AFI 36-704, and civilian penalties.

The following are potential compromise situations which can occur as a result of actions taken on the part of individuals who develop, handle, administer, or participate in the AFIADL CE program:

1. Failing to properly identify examinees.
2. Reviewing, accessing, or allowing review of or access to, controlled test material by any individual not specifically authorized.
3. Having an oral or written discussion concerning contents of test material with an unauthorized person.
4. Bringing any unauthorized material into the examination room.
5. Permitting reproduction or copying or faxing of any test material.
6. Removing test material from the examination room without authorization.
7. Leaving an examinee, or group of examinees, unsupervised during a testing session.
8. Being unable to account for the location or disposition of test material.
9. Improperly packaging or labeling test material for mailing in a way that could result in unauthorized disclosure.
10. Opening of, or otherwise tampering with, any package containing test materials by an unauthorized person.
11. Storing test materials improperly.
12. Destroying test materials improperly.
13. Taking or possessing test materials without authorization.
14. Taking any deliberate action that could result in the unauthorized disclosure of test material.
15. Manipulating examination dates on electronic exams.

**NOTE:** A TCO *must not* reproduce, copy, or fax a course examination or any part thereof. If a student questions any part of the examination, if materials are missing, or if the booklet is misprinted, the TCO *must not* send a copy of the items in question to AFIADL. The TCO *must* notify AFIADL/DOI and provide the following information: student's name, SSAN, course number, examination form number, and the number of the items or pages in question. AFIADL can take remedial action based on this information.

## Suspected Compromise

When an AFIADL CE is believed to be lost, or in danger of compromise the following actions *must* be taken:

1. The installation TCO must:
  - (a) Immediately suspend all testing of the jeopardized exam or exams at that installation.
  - (b) Impound all tests involved.
  - (c) Notify the Installation Commander of the possible compromise.
2. If the Installation Commander determines that a potential compromise has occurred, the Education Services Officer or MPF Education and Training manager immediately reports the possible loss or compromise to the MAJCOM Chief, Education Services Division, or MAJCOM Education and Training manager, with information copies to HQ USAF/DPDE and HQ AFPC/DPPAT, AU/XOO, and AU/CFRR. (**NOTE:** In the event of a suspected compromise of PME exams, an information copy of all correspondence and/or documentation to the appropriate school is also required. If a compromise involves a CDC Course, a copy of all documentation must also be provided to 2AF/DOI.)
3. The report must include:
  - (a) Test identification.
  - (b) Date or probable date of loss or compromise.
  - (c) Location and geographical extent of jeopardized area.
  - (d) Verification that all testing on the jeopardized test has been stopped and impounded.
  - (e) A statement that a formal investigation has or has not been initiated.
4. The installation commander must (if deemed necessary):
  - (a) Appoint a field grade officer to investigate the potential compromise.
  - (b) Conduct an investigation according to the Air Force Commanders-Directed Investigation (CDI) Guide to confirm the loss or compromise, and take disciplinary action as needed.
  - (c) Notify the MAJCOM Chief, Education Services Division or the MAJCOM training manager of the name and phone number of the investigating officer within one week from discovery of the possible loss or compromise of an AFIADL course examination.
5. The installation commander forwards the final results of the investigation (original and two copies) to the MAJCOM office of primary responsibility (OPR) within 60-

calendar days after the possible loss or compromise has occurred. Copies of the final report should not be forwarded directly to AFIADL from the installation. The final report must include:

- (a) Matters investigated surrounding the possible loss or compromise.
- (b) Facts.
- (c) Discussion.
- (d) Conclusions.
- (e) Recommendations.
- (f) Disciplinary action taken, if appropriate.
- (g) Specific corrective action taken to prevent similar recurrence of the loss or compromise, if appropriate.

6. The MAJCOM OPR:

- (a) Monitors the progress of the investigation.
- (b) Forwards the final report with recommendations to AU/CFRR with information copies to HQ USAF/DPDE (PME and voluntary courses) or HQ AFPC/DPPAT (mandatory courses). (**NOTE:** In the event of a suspected compromise of PME exams, an information copy to the appropriate school is also required.)

7. AU/CFRR will review the investigative report and coordinate with HQ USAF/DPDE or HQ AFPC/DPPAT to determine appropriate action. If a test compromise *did* occur, AU/CFRR will request destruction of the old form of the course examination and AFIADL will develop a new examination. If a compromise *did not* occur, AU/CFRR will notify the appropriate TCF when to resume testing. AU/CFRR will send information copies to HQ USAF/DPDE or HQ AFPC/DPPAT and to affected PME Schools.

## Certification of Course Completion

When a student satisfactorily completes the CE, AFIADL certifies course completion. Certification for all students is sent via AFIADL Form 9. In addition, AFIADL provides certification to HQ AFPC via AUTODIN for completions by all active duty Air Force personnel. This service provides for automatic APDS update. The AFIADL Form 9 is the official source document for verifying course completion and posting personnel records.

In addition to providing course completion certification, the Professional Military Education Section at Air University provides automatic update in APDS of all USAF officer PME course completion data (resident and nonresident). All inquiries pertaining

to officer PME must be processed through the servicing MPF Classification and Training Unit.

## **Hand-scoring Course Examinations**

The course examination (CE) booklet or CE answer sheet will be hand-scored or verified with score received from automated grading *only* when:

1. The scanned grade received is below 040 and a discrepancy is suspected.
2. There appears to be a discrepancy in the CE booklet.
3. The CE booklet and CE answer sheet form numbers do not match.

The CE answer sheet or CE booklet will *not* be hand-scored to assist in “purge” testing for the completion to be posted before an individual meets a board, such as promotion, assignment, etc. The CE booklet will *not* be accepted for these students and the CE answer sheet will be processed in the normal grading cycle.

Verification, hand-scoring, or adjustment to a score will *not* be made to encompass items deleted after original grading took place. The score received will be based on the number of valid questions and responses marked on the AFIADL Form 35 at the time of scoring.

## **PME Program Diplomas**

Diplomas are automatically issued for Air War College, Air Command and Staff College, Squadron Officer School, Senior Noncommissioned Officer Academy, Command Noncommissioned Officer Academy, and Course 50, History of US Air Power. If graduates of these programs do not receive diplomas within 60 days, they should contact AU/CFRR, with the exception of Air War College. Students should contact Air War College concerning their diplomas. Individuals completing Courses 00013 and 00017 may request a diploma from AU/CFRR, 60 Shumacher Ave, Maxwell AFB, AL 36112-6337. Notify AFIADL immediately if the student’s name or rank changes during enrollment to ensure correct information is contained on the diploma.

## **USAF Reservist Retirement Point Credit**

Members of the USAF Reserve and Air National Guard not on extended active duty may qualify for retirement point credit through enrollment and completion of AFIADL courses. Point credit is authorized according to eligibility criteria defined in AFI 36-8001. Members interested in point credit should consult AFI 36-8001 to ensure they meet all conditions.

Points are based on the study hour (1 point per 3 study hours) allocation for each volume and/or CE. The *AFIADL Catalog* indicates the hour and point allocation.

Non-EAD officers cannot take CDCs (5-digit course numbers) for retirement point credit.

AFIADL reports satisfactory course completion to AFPC for inclusion in Reserve records.

## **Request for Transcript**

If an individual believes that a school may award college credit for AFIADL courses completed, the individual student may request a transcript from AU/CFR, 60 Shumacher Ave, Maxwell AFB, AL 36112-6337. No fee is charged for this service. (**NOTE:** Requests *must* be made in writing since transcripts are covered by the Privacy Act.) AFIADL verifies course completion and prepares a transcript. The Registrar will also prepare a transcript reflecting AFIADL courses completed for possible credit in a program of study offered by the Community College of the Air Force (CCAF). This involves specialized courses (completed since 1974) and NCO Academy courses (completed since May 1978). AFIADL recommends to CCAF the amount of suggested credit hours. Suggested credit hours for these courses are listed in the *Catalog* with the course descriptions. However, it is the responsibility of civilian institutions to determine whether credit will be granted for AFIADL course completion. For credit recommendations based on evaluations by the American Council on Education (ACE) see ACE Credit Recommendations in the *Catalog*.

When requesting a transcript, the following information must be provided:

1. Name and address. Include any former names.
2. SSAN.
3. Course number and/or title. (*No action can be taken if the course number is not provided.*)
4. Year completed.
5. Name and mailing address of school or agency for official transcript. Official transcripts are mailed to educational institutions only.
6. Records are maintained for 30 years; however the older the record, the more difficult it is to verify. While registrar personnel will make every effort to verify your completion and issue your transcript, we cannot guarantee that requests prior to 1980 can be processed.

## Unit 4. Professional Military Education Courses

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### **CAP and Reserve Forces Officer Extension Programs**

#### **00013—Civil Air Patrol Senior Officer Course**

4 Volumes: Revised November 1996

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

**Content:** This course begins with volume 1 describing the compatible history, mission, and organization of the United States Air Force (USAF) and CAP. Volume 2 addresses professional knowledge guidelines all CAP members are expected to uphold. Volume 3, *Communication Skills*, covers communication fundamentals; barriers to effective communication; speaking and writing; and Civil Air Patrol and the information age. Volume 4 ties together all three previous volumes by focusing on the CAP officer's leadership skills.

**Special Information:** This course consists of individual volumes selected primarily to satisfy the training requirements of CAP personnel specified in CAP Regulation 50-17.

#### **00017—USAFR Officer Preparatory Course Correspondence Course**

6 Volumes: Activated Dec 89

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

**Content:** This course covers Air Force history, mission and organization, military training, military law, human relations, leadership, and communicative skills.

**Special Information:** This course consists of individual volumes selected primarily to satisfy the training requirements of ANG/Air Force Reserve personnel specified in ANG Regulation 53-3 or AFR 36-15.

## History of U. S. Air Power

### **00050—History of U.S. Air Power**

5 Volumes: Activated Oct 84; Revised 1989

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6 (CCAF Credit-2)

**Content:** This course provides a historical perspective of U.S. air power, enabling the student to view current developments of aerospace power in a broader context. In four volumes the course traces the development of U.S. air power from the simple flying machine of the Wright brothers in 1903 to the sophisticated military aircraft of the 1980's. A fifth volume provides chapter objectives and specific learning objectives, a guide for discussion, and an excerpt from the Annual Report to the Congress (for fiscal year 1984) submitted by the Secretary of Defense. This report discusses defense policy as an integral part of U.S. foreign policy.

The course has been constructed to qualify as a two-credit, one-semester, college level course. With approval from appropriate officials in the Community College of the Air Force, successful completion of the course will earn academic credits toward graduation for students in CCAF.

#### **Eligibility:**

1. This course is open for enrollment to all personnel who are eligible to enroll in ECI courses except:
  - (a) International civilian and military personnel.
  - (b) Volunteer workers for the United States Air Force.
2. Project Warrior seminar leaders may order copies of the material for noncredit group study purposes.

## Airman Leadership School Associate Program

### 00001—Airman Leadership School (ALS)

3 Volumes: Activated Sep 88; Dec 00

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

#### *Sale Restricted (Copyright Material)*

**1. General:** The ALS Distance Learning Program is a voluntary, paper-based, self-study course administered by the Air Force Institute for Advanced Distributed Learning, AFIADL (formerly ECI), and managed by the Educational Programs Cadre (EPC), College for Enlisted Professional Military Education (CEPME). Enlisted PME distance learning programs are designed to provide professional development to enlisted military members at specific critical points in their career. These administrative policies and procedures were developed to support the goals and objectives of enlisted PME. The AFIADL Course Catalog,

[http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc_fr.htm), is the definitive guidance for all enlisted PME distance-learning programs. Students must review the AFIADL Course Catalog frequently during their enrollment to ensure compliance with any changes in administrative policies.

**2. Content:** The course consists of three volumes. The content of the three-volume course is summarized as follows: *Volume One* (Profession of Arms), *Volume Two* (Leadership), and *Volume Three* (*Communication Skills*). The curriculum content of this course follows the same educational objectives as that of the resident Airman Leadership School.

**3. Administrative Guidelines:** The following paragraphs describe policies, administrative procedures, and course requirements applicable to the Airman Leadership School Distance Learning Program.

**Eligibility:** The course is open to active duty, Guard, and Reserve enlisted personnel of any US military component in the grade of E-4 with at least 48 months time in service. Non-military, Title 5, Civil Service personnel serving in the grades of GS-4 or above, and equivalent WG, WL, and WS personnel are also eligible. (**NOTE:** *Eligibility for ANG and AFRES technicians is based on military rank only. Active duty USAF personnel are not eligible to enroll in this program.*)

**Course Materials:** Course materials are shipped via Fourth Class mail to the address provided by the student. The student is responsible for inventorying these materials and reporting missing materials to AFIADL. An "AFIADL Course Materials Shipping List" is provided with each shipment. An AFIADL Form 17, "Request for Student



Assistance" is included as part of the package, if needed. A downloadable ECI Form 17 is also available at

**[http://www.maxwell.af.mil/au/afiadl/registrar/download\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/registrar/download_fr.htm)**. **NOTE:** If course materials are lost or damaged they may be replaced without any compensation for loss of time.

**Academic and Testing Requirements:** There is a single, closed-book End-of-Course Examination covering all three volumes of Course 00001 administered at the designated, authorized Test Control Facility. Students must request the exam through their Education Services Flight (ESF) or Base/Unit Training Section (UTS) or directly from AFIADL on an ECI Form 17, when prepared to test. Successful completion of Course 00001 requires a minimum passing score of 70 percent. If the student fails to obtain 70 percent on the initial test they can take a single re-test on an alternate examination. The alternate examination is available only if sufficient time remains on the enrollment to request, receive, and administer the re-test prior to enrollment expiration. No extensions will be approved for re-test purposes. Course failure status results from failing both the initial and re-test. Students who are disenrolled due to enrollment expiration before taking the re-test are disenrolled for non-participation, not course failure. (See Disenrollments and Restrictions). No extensions will be approved for re-test purposes. Students should work with the Education Services Flight (ESF) or Base/Unit Training Section (UTS) to ensure the examination is ordered, examination is on-hand, and to schedule the administration of the examination within the enrollment year. **NOTE:** The student and ESF/UTS must also ensure the back of the answer sheet is annotated with the date the test was administered. AFIADL will accept and score tests if taken prior to course disenrollment (based on the dated answer sheet) and if the answer sheet is received no more than 30 days after the administration or expiration date. If AFIADL receives a test answer sheet after enrollment expiration, it will only be scored and posted if the date on the back of the answer sheet indicates the test was administered prior to enrollment expiration. If there is no date on the back of the answer sheet to confirm the actual testing date, the answer sheet will not be posted. No alternate means of testing confirmation will be accepted.

**Time Lines:** The Airmen Leadership School Distance Learning Program consists of a single academic term of 12 months. This enrollment period includes time required to receive materials, order/receive tests, and submit tests for scoring/posting. There is no waiver to the 12-month enrollment period except as noted in "Extensions" below.

**Extensions:** Extensions are time compensation for extraordinary and unforeseen circumstances that impede or prevent course progress or completion. Extensions may be requested only for students who encounter extended hospitalization, extended emergency leave, or extraordinary personal circumstances during course enrollment. Extension requests must be submitted on AFIADL Form 17, with supporting documentation, to EPC/DOO, 550 McDonald Street, Maxwell AFB, Gunter Annex

AL 36114-3107. The length of any extension is based on individual circumstances, in 30-day increments, at the discretion of EPC/DOO as final approval authority. Extensions are handled on a case-by-case basis, and will not be considered if submitted or received after course expiration. **NOTE:** Since Course 0001 is a portable, paper-based course, PCS or TDY are not acceptable justification for extension. Extensions cannot be requested or approved via telephone or e-mail. PCIII extension requests are NOT authorized. No extension should be considered approved unless written notification is received from AFIADL or EPC.

**Disenrollments and Restrictions:** Any non-completion of an enrollment is classified as a disenrollment. All disenrollment actions result in an imposed restriction period. A restriction is a period of ineligibility from enrollment into the same program or a program of the same AFIADL category. After the restriction period ends, students can enroll in any AFIADL program for which they are eligible. There is no waiver or curtailment of restriction periods, and no partial credit is given for previous enrollment progress.

**Voluntary Disenrollments:** Students may voluntarily disenroll at any time during their enrollment if personal or professional obligations preclude course completion. This action must be requested on an AFIADL Form 17 request to AFIADL Team #2: AFIADL/DOI2, 50 South Turner Blvd, Maxwell AFB-Gunter Annex AL 36118-5643. Voluntary disenrollment is considered disenrollment at student request, is coded SR, and will render the student ineligible to enroll in voluntary courses for 6 months.

**Involuntary Disenrollments:** There are two categories of involuntary disenrollments.

*Course Failure*, Coded CF, is a disenrollment category for students who do not meet the academic requirements. Course failure status results from failing both an initial and a re-test. Students disenrolled for course failure incur a mandatory six-month restriction.

*Non-participation*, Coded NP, is a disenrollment category that results when a student's enrollment expires without the course requirements being completed. The non-participation disenrollment category applies when a student neither completes nor academically fails the course, but allows the enrollment to expire. Students disenrolled for non-participation incur a mandatory one-year restriction.

**Records Update:** Course completion will be posted to student personnel records by AFIADL through a direct computer data link to the HQ Air Reserve Personnel Center (ARPC). ARPC will update local files for Reserve and Guard personnel. This process may take up to four weeks; therefore, course completion may not be reflected in student records until after they receive their course completion card. If stationed overseas this period could be longer. For records certification, do not contact EPC or

AFIADL. All inquiries concerning records updating must be routed to the local Military Personnel Flight (MPF) Classification and Training Section.

**Diplomas/Transcripts:** Course diplomas are not provided for Course 00001. Also, no CCAF credit is awarded for Course 00001.

#### **4. Responsibilities:**

**Student:** Enlisted PME distance learning programs are voluntary. Students are responsible for reading and complying with the course policies as listed in the AFIADL Catalog. It is the student's responsibility to be aware of their course start and completion dates. No outside agency is tasked with monitoring course progress or completion. Students should work with the ESF/UTS to order and schedule examinations. Students should follow a regular program of study to allow sufficient time for required course examinations prior to course expiration. The student and ESF/UTS should also ensure the back of the answer sheet is annotated with the date the test was administered. (See Academic and Testing Requirements.) All name, rank, and address changes are the responsibility of the student, and must be provided in writing to AFIADL. Provide copies of official orders and AFIADL Form 17 to ESF/UTS to request change of Test Control Facility as a result of PCS or extended TDY. Students should anticipate problems and seek assistance from AFIADL and the ESF/UTS for any circumstances that might hinder course completion.

**Education Services Flight/Unit Training Section:** Although the student is ultimately responsible for their own course success or failure, Education and Training personnel must be prepared to assist students by providing accurate enrollment and policy information. Course Development Student Assistance and Registrar (CDSAR) software is available through AFIADL Data Branch (AFIADL/DOD) and provides real-time, read-only access to student performance data directly from AFIADL. CDSAR is recommended to improve student guidance, feedback, and customer service.

**AFIADL:** Course enrollment support is provided by the AU Registrar at HQ AU/CRR, 60 Schumacher Avenue, Maxwell AFB, AL 36112-6337, DSN 493-8128 or commercial (334) 953-8128. All other administrative support for Course 00001 is provided by AFIADL, including examination scoring, duplicating, and shipping. AFIADL is the point of contact to change addresses, have damaged or lost materials resent, or general course inquiries. All communication with AFIADL must be in writing or through the local ESF/UTS. To contact AFIADL, use the AFIADL Form 17, or write to AFIADL/DOI2, 50 South Turner Boulevard, Maxwell AFB-Gunter Annex AL 36118-5643. The ESF/UTS can contact the Student Instruction Branch, at DSN 596-4985 or commercial (334) 416-4985. All communications with AFIADL should include the student's full name, SSAN, course number, and nature of request.

**EPC/DOO:** The Educational Programs Cadre (EPC), Operations and Training Section (DOO) is the office of primary responsibility for directing EPME distance learning

programs. EPC/DOO acts as the liaison between EPC and AFIADL in managing distance learning programs and maintaining program integrity. EPC/DOO is the final review and appellate authority for extension requests, exception to policy requests, and policy issues. Comments and questions may be directed to EPC/DOO at e-mail: [EPC.DOO@maxwell.af.mil](mailto:EPC.DOO@maxwell.af.mil).

## Noncommissioned Officer Academy Correspondence Course

### **00006D—Military Studies and Communication Skills**

2 Volumes: Activated July 1991

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

*Sale Restricted (Copyright Material)*

### **00006E—Leadership and Management**

2 Volumes: Activated July 1991

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

*Sale Restricted (Copyright Material)*

**1. General:** The NCOA Distance Learning Program is a voluntary, paper-based, self-study course administered by the Air Force Institute for Advanced Distributed Learning, AFIADL (formerly ECI), and managed by the Educational Programs Cadre (EPC), College for Enlisted Professional Military Education (CEPME). Enlisted PME distance learning programs are designed to provide professional development to enlisted military members at specific critical points in their career. These administrative policies and procedures were developed to support the goals and objectives of enlisted PME. The AFIADL Course Catalog,

[http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc_fr.htm), is the definitive guidance for all enlisted PME distance-learning programs. Students must review the AFIADL Course Catalog frequently during their enrollment to ensure compliance with any changes in administrative policies.

**2. Content:** Course 6 consists of two subcourses, 6D and 6E. The focus of each subcourse is summarized as follows:

Subcourse 6D consists of two volumes. Volume One examines military studies, such as military skills, Air Force History of the NCO, organization and mission, and national security. Volume Two addresses communication skills.

Subcourse 6E consists of two volumes. Volume One develops an understanding of leadership and management theories, evaluation and reporting concepts, and the need for discipline. Volume Two develops an understanding of quality of life issues, such as

health maintenance, personnel programs, and social actions. A graduate survey is included with the subcourse 6E materials. The graduate survey is voluntary, but is encouraged upon completion of all course requirements so that instructional designers may consider feedback for possible course adjustments.

**3. Administrative Guidelines:** The following paragraphs describe policies, administrative procedures, and course requirements applicable to the NCO Academy Distance Learning Program.

**Eligibility:** The course is open to active duty, Guard, and Reserve enlisted personnel of any US military component in the grade of E-5 or above. Non-military, Title 5, Civil Service personnel serving in the grades of GS-5 or above, and equivalent WG, WL, and WS personnel are also eligible. (NOTE: Eligibility for ANG and AFRES technicians is based on military rank only. Active duty USAF personnel are not eligible to enroll in this program.)

**Course Materials:** Course materials are shipped via Fourth Class mail to the address provided by the student. The student is responsible for inventorying these materials and reporting missing materials to AFIADL. An "ECI Course Materials Shipping List" is provided with each shipment. An AFIADL Form 17, "Request for Student Assistance" is included as part of the package, if needed. A downloadable AFIADL Form 17 is also available from AFIADL at:

**[http://www.maxwell.af.mil/au/afiadl/registrar/download\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/registrar/download_fr.htm).**

**NOTE:** If course materials are lost or damaged they may be replaced without any compensation for loss of time.

**Academic and Testing Requirements:** There is no End-of-Course Examination for Course 6. Each subcourse (6D and 6E) has a separate course examination, and each subcourse requires a minimum passing score of 60 percent. Students must request the appropriate 6D subcourse test from AFIADL via AFIADL Form 17, and schedule to have the test administered by Education Services Flight (ESF) or Base/Unit Training Section (UTS). The 6E subcourse test is forwarded automatically following successful completion of subcourse 6D. If the student fails to obtain 60 percent on the initial test they can take a single re-test on an alternate examination. The alternate examination is available only if sufficient time remains on the enrollment to request, receive, and administer the re-test prior to enrollment expiration. No extensions will be approved for re-test purposes. Course failure status results from failing both the initial and re-test. Students who are disenrolled due to enrollment expiration before taking the re-test are disenrolled for non-participation, not course failure (See Disenrollments and Restrictions). Students who receive a cumulative score of 90 percent or higher in Course 6 are recognized for Academic Excellence and receive a certificate from the Dean, Educational Programs Cadre. Students should work with the ESF/UTS to ensure the examination is ordered, examination is on-hand, and to schedule the administration of the examination within the enrollment year. **NOTE:** The student and ESF/UTS must also ensure the back of the answer sheet is annotated with the date the test was

administered. AFIADL will accept and score tests if taken prior to course disenrollment (based on the dated answer sheet) and if the answer sheet is received no more than 30 days after the administration or expiration date. If AFIADL receives a test answer sheet after enrollment expiration, it will only be scored and posted if the date on the back of the answer sheet indicates the test was administered prior to enrollment expiration. If there is no date on the back of the answer sheet to confirm the actual testing date, the answer sheet will not be posted. No alternate means of testing confirmation will be accepted.

**Time Lines:** Course 6 consists of two 12-month terms; one 12-month term for subcourse 6D and one 12-month term for subcourse 6E. Upon successful completion of 6D, the student will be automatically enrolled in subcourse 6E. The 12-month timeframes for each term are exclusive, and unused time from term one may not be applied toward the second term. Successful course completion requires successful completion of both subcourses (see Academic and Testing Requirements). This enrollment period includes time required to receive materials, order/receive tests, and submit tests for scoring/posting. There is no waiver to the 12-month enrollment period except as noted in "Extensions" below.

**Extensions:** Extensions are time compensation for extraordinary and unforeseen circumstances, which impede or prevent course progress or completion. Extensions may be requested only for students who encounter extended hospitalization, extended emergency leave, or extraordinary personal circumstances during course enrollment. Extension requests must be submitted on AFIADL Form 17, with supporting documentation, to EPC/DOO, 550 McDonald Street, Maxwell AFB, Gunter Annex AL 36114-3107. The length of any extension is based on individual circumstances, in 30-day increments, at the discretion of EPC/DOO as final approval authority. Extensions are handled on a case-by-case basis, and will not be considered if submitted or received after course expiration. NOTE: Since Course 0006 is a portable, paper-based course, PCS or TDY are not acceptable justification for extension. Extensions cannot be requested or approved via telephone or e-mail. PCIII extension requests are NOT authorized. No extension should be considered approved unless written notification is received from AFIADL or EPC.

**Disenrollments and Restrictions:** Any non-completion of an enrollment is classified as a disenrollment. All disenrollment actions result in an imposed restriction period. A restriction is a period of ineligibility from enrollment into the same program or a program of the same AFIADL category. After the restriction period ends, students are eligible to enroll in any eligible AFIADL program. There is no waiver or curtailment of restriction periods, and no partial credit is given for previous enrollment progress.

**Voluntary Disenrollments:** Students may voluntarily disenroll at any time during their enrollment if personal or professional obligations preclude course completion. This action must be requested on an AFIADL Form 17 request to AFIADL Team #2: AFIADL/DOI2, 50 South Turner Blvd, Maxwell AFB-Gunter Annex AL 36118-

5643. Voluntary disenrollment is considered disenrollment at student request, is coded SR, and will render the student ineligible for 6 months.

**Involuntary Disenrollments:** There are two categories of involuntary disenrollments.

*Course Failure*, Coded CF, is a disenrollment category for students who do not meet the academic requirements. Course failure status results from failing both an initial and a re-test. Students disenrolled for course failure incur a mandatory six-month restriction.

*Non-participation*, Coded NP, is a disenrollment category that results when a student's enrollment expires without the course requirements being completed. The non-participation disenrollment category applies when a student neither completes nor academically fails the course, but allows the enrollment to expire. Students disenrolled for non-participation incur a mandatory one-year restriction.

**Records Update:** Course completion will be posted to student personnel records by AFIADL through direct computer data link to the HQ Air Reserve Personnel Center (ARPC). ARPC will update local files for Reserve and Guard personnel. This process may take up to four weeks; therefore, course completion may not be reflected in student records until after they receive their course completion card. If stationed overseas this period could be longer. For records certification, do not contact EPC or AFIADL. All inquiries concerning records updating must be routed to the local Military Personnel Flight (MPF), Formal Training Section.

**Diplomas/Transcripts:** Course diplomas and transcripts are handled by AU Registrar at HQ AU/CRR, 60 Schumacher Avenue, Maxwell AFB, AL 36112-6337, DSN 493-8128 or commercial (334) 953-8128. All students should receive a diploma following course completion. If a student is promoted while taking this course, they should submit an AFIADL Form 17 to AFIADL/DOI2 at 50 South Turner Blvd, Maxwell AFB Gunter Annex AL 36118-5643, to update their student record. Diplomas will not be resent if a change request is submitted after course completion. To receive college credit for this course, students should request a transcript be sent to their educational institution.

#### **4. Responsibilities:**

**Student:** Enlisted PME distance learning programs are voluntary. Students are responsible for reading and complying with the course policies as listed in the AFIADL Catalog. It is the student's responsibility to be aware of their course start and completion dates. No outside agency is tasked with monitoring course progress or completion. Students should work with the ESF/UTS to order and schedule examinations. Students should follow a regular program of study to allow sufficient time for required course examinations prior to course expiration. The student and ESF/UTS should also ensure the back of the answer sheet is annotated with the date the test was administered. (See Academic and Testing Requirements.) All name, rank, and address

changes are the responsibility of the student, and must be provided in writing to AFIADL. Provide copies of official orders and AFIADL Form 17 to ESF/UTS to request change of Test Control Facility as a result of PCS or extended TDY. Students should anticipate problems and seek assistance from AFIADL and the ESF/UTS for any circumstances that might hinder course completion. **NOTE:** Students should keep the post card for reference throughout their enrollment as verification of the official enrollment date.

**Education Services Flight/Unit Training Section:** Although the student is ultimately responsible for their own course success or failure, Education and Training personnel must be prepared to assist students by providing accurate enrollment and policy information. Course Development Student Assistance and Registrar (CDSAR) software is available through AFIADL Data Branch (AFIADL/DOD) and provides real-time, read-only access to student performance data directly from AFIADL. CDSAR is recommended to improve student guidance, feedback, and customer service.

**AFIADL:** The AU Registrar at HQ AU/CRR, 60 Schumacher Avenue, Maxwell AFB AL 36112-6337, DSN 493-8128 or commercial (334) 953-8128 provides Course enrollment support. All other administrative support for Course 6 is provided by AFIADL, including examination scoring, duplicating, and shipping. AFIADL is the point of contact to change addresses, have damaged or lost materials resent, or general course inquiries. All communication with AFIADL must be in writing or through the local ESF/UTS. To contact AFIADL, use the AFIADL Form 17, or write to AFIADL/DOI2, 50 South Turner Boulevard, Maxwell AFB-Gunter Annex AL 36118-5643. The ESF/UTS can contact the Student Instruction Branch, at DSN 596-4985 or commercial (334) 416-4985. All communications with AFIADL should include the student's full name, SSAN, course number, and nature of request.

**EPC/DOO:** The Educational Programs Cadre (EPC), Operations and Training Section (DOO) is the office of primary responsibility for program management of EPME distance learning programs. EPC/DOO acts as the liaison between EPC and AFIADL in managing distance learning programs and maintaining program integrity. EPC/DOO is the final review and appellate authority for extension requests, exception to policy requests, and policy issues. Comments and questions may be directed to EPC/DOO at e-mail: EPC.DOO@maxwell.af.mil.

## **Senior Noncommissioned Officer Academy Multimedia Correspondence Course**

### **00005—Senior Noncommissioned Officer Academy Multimedia Correspondence Course**

2 CD-ROM Disks: Activated Oct 96; Revised Jan 98



Hours: 129

Points: 43

CCAF Credit for Course 00005 - 9

***Sale Restricted (Copyright Material)***

**1. General:** The SNCOA Multimedia Distance Learning Program is a voluntary, computer-based, self-study program administered by the Air Force Institute for Advanced Distributed Learning, AFIADL (formerly ECI), and managed by the Educational Programs Cadre (EPC), College for Enlisted Professional Military Education (CEPME). Enlisted PME distance learning programs are designed to provide professional development to enlisted military members at specific critical points in their career. These administrative policies and procedures were developed to support the goals and objectives of enlisted PME. The AFIADL Course Catalog, [http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc_fr.htm), is the definitive guidance for all enlisted PME distance learning programs. Students must review the AFIADL Course Catalog frequently during their enrollment to ensure compliance with any changes in administrative policies.

**2. Content.** Course 5 consists of five objectively evaluated subcourses designated (5A - 5E), and the Profession of Arms (POA) area which is evaluated by an affective survey included in the program. The design of the CD-ROM courseware requires the six subcourses be completed in succession. The content of the subcourses is listed below:

**Profession of Arms (POA):** This is the first area presented in the CD-ROM course. Upon completion, students should be able to explain how their unit-level duties fit in the larger context of joint operations that support national policy. Students will gain knowledge of the heritage and history of the enlisted corps and an understanding of the role of Air Reserves components. Students' grasp and appreciation of the POA material is measured by affective surveys. There is no formative or summative testing for the POA subcourse.

**Communication Skills:** This subcourse requires the student to apply principles of effective communication. It is also designed to increase understanding of how effective communication skills enhance leadership ability. The Communication Skills Area, unlike the other instructional areas, is presented throughout the entire course of instruction. As a result of this instructional approach, the Communication Skills subcourse is designated (5E), and will be the last examination taken.

**Leadership Planning:** The (5A) subcourse provides the material for the first of the five required Course 5 tests. This subcourse is designed to develop the student's ability to successfully complete simulated exercises involving principles of effective leadership planning.

**Behavior Analysis:** Subcourse (5B) presents an overview of human behavior and helps explain why people act and react as they do. This subcourse is designed to develop the student's ability to successfully complete simulated exercises involving

principles of behavior analysis. Command of these principles of human behavior contributes to increased leadership effectiveness of senior NCOs.

**Human Resource Development (HRD):** The information in subcourse (5C) helps develop capable and productive workers. This subcourse is designed to develop the student's ability to successfully complete simulated exercises involving principles of human resource development. The lessons in this area are designed to help students adjust their leadership style based on subordinates' experience and individual needs.

**Organizational Management:** Subcourse (5D) provides a broad view of organizational design and structure. This subcourse is designed to develop the student's ability to successfully complete simulated exercises involving principles of organizational management. Students learn how to be proactive in their leadership role as they face organizational restructuring, conflict, and constant change.

**Student Assessment and Feedback:** Course 5 contains exercises designed to enhance the understanding of the lesson material. Each subcourse contains developmental exercises, communication skills exercises (in some areas), and lesson review exercises (at the end of each lesson). Student command of leadership and communication principles is assessed by formative exercises for the purpose of feedback and restudy. There is a formative exercise at the end of each subcourse. Graded summative examinations which follow each subcourse are proctored tests administered by the Education Services Flight or other designated test control facility. Formative exercises and summative examinations are based on the same educational objectives. The objectives are listed in the overview of each subcourse instructional area. This strategy doesn't mean that formative exercises and summative examinations are exactly the same. It means that the exercise and examination were developed from the same lesson material and measure the same desired behaviors. (See Academic and Testing Requirements.)

**3. Administrative Guidelines:** The following paragraphs describe policies, administrative procedures, and course requirements applicable to the SNCOA multimedia course.

**Eligibility:** The course is open to active duty, Guard, and Reserve enlisted personnel of any US military component in the grade of E-7, or above. Non-Military, Title 5, Civil Service personnel serving in the grades of GS-6 or above, and equivalent WG, WL, and WS personnel are also eligible. (**NOTE:** Eligibility for ANG and AFRES technicians is based on military rank only. ANG and AFRES personnel in the grade of E-6 occupying an E-7 slot are eligible to enroll with the approval of the HQ AFRES or HQ ANGB respective Enlisted PME Manager. Civil Service personnel must have verification from their supervisor or commander that they are occupying a management position.)

**Course Materials:** Each student receives a package containing a double CD-ROM set and two 3.5 inch disks. The cover of the CD-ROM case contains installation

instructions and basic course guidance. The 3.5 inch disks are labeled "Student Data Disk" and "Test Data Disk". A post card is also mailed separately to confirm enrollment and processing of course materials. The official student enrollment date is indicated on this card. Students must write the enrollment date (from the post card) on the label of the Student Data Disk and Test Data Disk. **NOTE:** Students should keep the postcard for reference throughout their enrollment as verification of the official enrollment date.

**Minimum Computer Requirements:** Students must meet following minimum computer equipment requirements in order to successfully install and complete the CD-ROM-based Course 5 Multimedia Course. CPU: 486SX-66 MHz; RAM: 32 MB; CD-ROM speed: 2X; Hard Drive: 80 MB; Sound Card: Sound Blaster 16 compatible; Video Card: SVGA; Monitor: 15"/.39mm; Speakers or headphones required; Windows version 95 or later Windows based operating system (software will not run on Macintosh operating systems). **NOTE:** A modem is not required to complete this course; however, you will need Internet access in order to download software upgrades or to use our web-base troubleshooting guide.

**Recommended Computer Configuration:** The above requirements are system minimums, the course will run but the student may experience slow performance and/or some problems. For optimal course performance, the following hardware minimums are recommended: CPU: Pentium II 266 MHz, RAM: 64 MB; CD-ROM speed: 24X; Sound Card: Sound Blaster 16 compatible; Video Card: SVGA 8 MB; Monitor: 15"/.28mm; Modem: 56K Int PNP V90.

**Academic and Testing Requirements:** There is no End-of-Course Examination for Course 5. Students are evaluated following each subcourse through formative exercises for feedback and restudy, and summative examinations for a grade that is factored into the overall course average. The summative examinations (5A - 5E) are computer-based, controlled tests which must be scheduled and taken at the Education Services Flight (ESF) or Base/Unit Training Section (UTS) following the successful completion of the formative evaluation for each subcourse. The academic requirement for Course 5 is an 80 percent cumulative average of all subcourse summative examinations, or 398 of 500 possible points (a minimum course average of 79.6). Students who receive a cumulative score of 95 percent or greater are recognized for Academic Excellence and receive a separate certificate from the Dean, Educational Programs Cadre in addition to the course completion certificate. **NOTE:** All testing must be completed prior to enrollment expiration. Students should not wait to take all summative examinations at the end of the course. No more than one examination may be taken per day and there are no re-test opportunities or extension opportunities for testing purposes under any circumstances. Test files should be transferred to AFIADL following each test and confirmed by ESF/UTS. All test files related to authorized testing must be transferred to, and posted by, AFIADL not later than 30 days after enrollment expiration.

**Time Lines:** Course 5 consists of a single 12-month enrollment period in which all five subcourse modules must be completed. To successfully complete Course 5, all

subcourses must be individually completed, tested, scored, and recorded (in order 5A - 5E) at AFIADL within the one-year period. (See Academic and Testing Requirements.) Students should schedule each test session well in advance to allow adequate time for the test to be administered and the results transferred to AFIADL for scoring and posting to the student record.

**Extensions:** Extensions are time compensation for extraordinary and unforeseen circumstances, which impede or prevent course progress or completion. Extensions may be requested only for students who encounter extended hospitalization, extended emergency leave, or extraordinary personal circumstances during course enrollment. Extension requests must be submitted on AFIADL Form 17, with supporting documentation, to EPC/DOO, 550 McDonald Street, Maxwell AFB, Gunter Annex AL 36114-3107. AFIADL (ECI) Forms 17 is available from AFIADL at:

**[http://www.maxwell.af.mil/au/afiadl/registrar/download\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/registrar/download_fr.htm)**. The length of any extension is based on individual circumstances, in 30-day increments, at the discretion of EPC/DOO as final approval authority. Extensions are handled on a case-by-case basis, and will not be considered if submitted or received after course expiration.

**NOTE:** Extensions cannot be requested or approved via telephone or e-mail. PCIII extension requests are NOT authorized. No extension should be considered approved unless written notification is received from AFIADL or EPC.

**PCS and TDY.** In Course 5 only, extensions may be requested for PCS or extended TDY. (See below) AFIADL Team #2 is the point of contact for PCS and TDY extensions. Send extension requests, consisting of an AFIADL Form 17 and a copy of the official TDY or PCS orders to Team #2 at: AFIADL/DOI2, 50 South Turner Blvd, Maxwell AFB-Gunter Annex AL 36118-4613.

**TDY.** A TDY is defined as 30-179 consecutive days away from home station. If required to go TDY, students must submit the extension request prior to the TDY. The length of the extension will be equal to the length of the TDY in 30-day increments, to a maximum of six months.

**PCS.** Students going PCS must submit extension requests prior to the PCS. Students going PCS will be granted a 90-day extension. **NOTE:** Students going PCS must also submit a change of address via AFIADL Form 17 to permit AFIADL to adjust testing facilities and correct the student record. The address change may be requested on the same AFIADL Form 17 as the PCS extension request.

**Disenrollments and Restrictions:** Any non-completion of an enrollment is classified as a disenrollment. All disenrollment actions result in an imposed restriction period. A restriction is a period of ineligibility from enrollment into the same program or a program of the same AFIADL category. After the restriction period ends, students are eligible to enroll in any eligible AFIADL program. There is no waiver or curtailment of restriction periods, and no partial credit is given for previous enrollment progress.

**Voluntary Disenrollments:** Students may voluntarily disenroll at any time during their enrollment if personal or professional obligations preclude course completion. This action must be requested on an AFIADL Form 17 request to AFIADL Team #2: AFIADL/DOI2, 50 South Turner Blvd, Maxwell AFB-Gunter Annex AL 36118-5643. Voluntary disenrollment is considered disenrollment at student request, is coded SR, and will render the student ineligible for 6 months.

**Involuntary Disenrollments:** There are two categories of involuntary disenrollments.

*Course Failure*, Coded CF, is a disenrollment category for students who do not meet the academic requirements. Course failure status results only from posting a cumulative score below the required 80%. Students disenrolled for course failure incur a mandatory six-month restriction.

*Non-participation*, Coded NP, is a disenrollment category that results when a student's enrollment expires without the course requirements being completed. The non-participation disenrollment category applies when a student neither completes nor academically fails the course, but allows the enrollment to expire. Students disenrolled for non-participation incur a mandatory one-year restriction.

**Records Update:** Course completion will be posted to personnel records by AFIADL through a direct computer data link to the Air Force Personnel Center (AFPC). AFPC will, in turn, update local MPF computers for active duty personnel. HQ Air Reserve Personnel Center (ARPC) will update files for Reserve and Guard personnel. The CCAF record will also be updated automatically. This process may take up to four weeks. If stationed overseas, this period could be longer. For records certification, students should not contact EPC or AFIADL. All inquiries concerning records updating must be routed through the local Military Personnel Flight (MPF), Formal Training Section. **NOTE:** Students in Course 5 no longer routinely receive an ECI Form 9 upon completion of Volume 5E; however, if one is received, it will indicate the score for 5E only, NOT the overall course cumulative score.

**Diplomas/Transcripts:** Course diplomas and transcripts are handled by AU Registrar at HQ AU/CRR, 60 Schumacher Avenue, Maxwell AFB, AL 36112-6337, DSN 493-8128 or commercial (334) 953-8128. All students should receive a diploma following course completion. Students promoted while taking a course should submit an AFIADL Form 17 to AFIADL/DOI2, 50 South Turner Boulevard, Maxwell AFB-Gunter Annex AL 36118-5643, requesting to update the student record. Diplomas will not be re-accomplished if a change request is submitted after course completion. To receive college credit for this course, students should request that a transcript be sent to their educational institution.

#### **4. Responsibilities:**

**Student:** Enlisted PME distance learning programs are voluntary. Students are responsible for reading and complying with the course policies as listed in the AFIADL

Catalog. It is the student's responsibility to be aware of their course start and completion dates. No outside agency is tasked with monitoring course progress or completion. Students should follow a regular program of study to allow sufficient time for required course examinations prior to course expiration. Students should work with the Education Services Flight or Base/Unit Training to schedule each subcourse examination. Students should follow-up with Education Services or Base/Unit Training personnel after each examination to verify that examination files are successfully transferred to AFIADL (via FTP). All name, rank, and address changes are the responsibility of the student, and must be provided in writing to AFIADL. Provide copies of official orders and AFIADL Form 17 to ESF/UTS to request change of Test Control Facility as a result of PCS or extended TDY. Students should anticipate problems and seek assistance from AFIADL and the ESF/UTS for any circumstances that might hinder course completion.

**Education Services Flight/Unit Training Section:** Although the student is ultimately responsible for their own course success or failure, Education and Training personnel must be prepared to assist students by providing accurate enrollment and policy information. Course Development Student Assistance and Registrar (CDSAR) software is available through AFIADL Data Branch (AFIADL/DOD) and provides real-time, read-only access to student performance data directly from AFIADL. CDSAR is recommended to improve student guidance, feedback, and customer service.

**AFIADL:** The AU Registrar at HQ AU/CRR, 60 Schumacher Avenue, Maxwell AFB AL 36112-6337, DSN 493-8128 or commercial (334) 953-8128 provides Course enrollment support. All other administrative support for Course 00005 is provided by AFIADL, including examination scoring, duplicating, and shipping. AFIADL is the point of contact to change addresses, have damaged or lost materials resent, or general course inquiries. All communication with AFIADL must be in writing or through the local ESF/UTS. To contact AFIADL, use the AFIADL Form 17, or write to AFIADL/DOI2, 50 South Turner Boulevard, Maxwell AFB-Gunter Annex AL 36118-5643. The ESF/UTS can contact the Student Instruction Branch, at DSN 596-4985 or commercial (334) 416-4985. All communications with AFIADL should include the student's full name, SSAN, course number, and nature of request.

**EPC/DOO:** The Educational Programs Cadre (EPC), Operations and Training Section (DOO) is the office of primary responsibility for program management of EPME distance learning programs. EPC/DOO acts as the liaison between EPC and AFIADL in managing distance learning programs and maintaining program integrity. EPC/DOO is the final review and appellate authority for extension requests, exception to policy requests, and policy issues. Comments and questions may be directed to EPC/DOO at e-mail: EPC.DOO@maxwell.af.mil.

**Software Technical Assistance:** The Course 5 courseware (CD-ROM #1) Orientation Menu provides information on how to properly use the software and complete the course. Students who experience software problems should first check for

identified glitches and fixes on the Course 5 Homepage:

**[http://www.maxwell.af.mil/au/cepme/course5/home\\_5.htm](http://www.maxwell.af.mil/au/cepme/course5/home_5.htm)**. If the problem is not resolved, e-mail the Interactive Courseware Development Team (EPC/DOT), at CEPMEICW@maxwell.af.mil, or call DSN 596-2364/2365/1627 or Commercial (334)416- 2364/2365/1627.

### **00008D—Senior Noncommissioned Officer Academy—Communication Skills and Military Studies**

3 Volumes: Activated Oct 1991

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

#### ***Sale Restricted (Copyright Material)***

### **00008E—Senior Noncommissioned Officer Academy—The Leader**

3 Volumes: Activated Oct 1991

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

#### ***Sale Restricted (Copyright Material)***

**NOTE:** Subcourse 00008D was deactivated on 2 Oct 00. Students enrolling in the Senior Noncommissioned Officer Academy (SNCOA) should refer to Course 00005. Students successfully completing subcourse 00008D will be able to progress to 00008E.

**1. General:** The SNCOA Distance Learning Program is a voluntary, paper-based, self-study course administered by the Air Force Institute for Advanced Distributed Learning, AFIADL (formerly ECI), and managed by the Educational Programs Cadre (EPC), College for Enlisted Professional Military Education (CEPME). Enlisted PME distance learning programs are designed to provide professional development to enlisted military members at specific critical points in their career. These administrative policies and procedures were developed to support the goals and objectives of enlisted PME. The AFIADL Course Catalog,

**[http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/curriculum/catalog/cattoc_fr.htm)**, is the definitive guidance for all enlisted PME distance learning programs. Students must review the AFIADL Catalog frequently during their enrollment to ensure compliance with any changes in administrative policies.

**2. Content.** Course 8 consists of two subcourses, 8D and 8E. The focus of each subcourse is summarized as follows:

*Subcourse 8D* consists of three volumes. Volume One develops an understanding of general principles of communication. Volume Two develops an understanding of staff

communications, and Volume Three develops a basic knowledge of Military Studies such as national security, US military forces, and military operations. *Subcourse 8E* consists of three volumes. Volume One develops an understanding of leadership and human behavior. Volume Two focuses on developing an understanding of principles that contribute to motivating subordinates. Volume Three develops an understanding of principles of military management from the senior NCO perspective.

**3. Administrative Guidelines:** The following paragraphs describe policies, administrative procedures, and course requirements applicable to the NCO Academy Distance Learning Program.

**Eligibility:** As of 1 October 2000, this program is no longer be available for new enrollments. It is replaced by AFIADL Course 00005, Senior NCO Academy Multimedia Course.

**Course Materials:** Course materials are shipped via Fourth Class mail to the address provided by the student. The student is responsible for inventorying these materials and reporting missing materials to AFIADL. An "AFIADL Course Materials Shipping List" is provided with each shipment. An AFIADL Form 17, "Request for Student Assistance" is included as part of the package, if needed. AFIADL Forms 17 are available from AFIADL at:

**[http://www.maxwell.af.mil/au/afiadl/registrar/download\\_fr.htm](http://www.maxwell.af.mil/au/afiadl/registrar/download_fr.htm)**. **NOTE:** If course materials are lost or damaged they may be replaced without any compensation for loss of time.

**Academic and Testing Requirements:** There is no End-of-Course Examination for Course 8. Each subcourse (8D and 8E) has a separate course examination, and each subcourse requires a minimum passing score of 60 percent. There is a single re-test on an alternate examination only if sufficient time remains on the enrollment to request, receive, and administer the re-test prior to enrollment expiration. Course Failure status results only from failing both the initial and re-test. (See Disenrollments and Restrictions) No extensions will be approved for re-test purposes. Students must request the appropriate 8D subcourse test from AFIADL via AFIADL Form 17, and schedule a time to have the test administered by Education Services Flight (ESF) or Base/Unit Training Section (UTS). The 8E subcourse test is forwarded automatically following 8D completion. Students who receive a cumulative score of 90 percent or higher in Course 8 are recognized for Academic Excellence and receive a certificate from the Dean, Educational Programs Cadre. Students should work with the ESF/UTS to ensure the examination is ordered, examination is on-hand, and to schedule the administration of the examination. **NOTE:** The student and ESF/UTS must also ensure the back of the answer sheet is annotated with the date the test was administered. If the actual date the test is taken is not indicated on the answer sheet, the date the test is scored at AFIADL becomes the administration date. AFIADL will score and post tests if taken prior to course disenrollment (based on the dated answer sheet) and if the answer sheet is received no more than 30 days after the administration or expiration date.



**Time Lines:** Course 8 consists of two 12-month terms; one 12-month term for subcourse 8D and one 12-month term for subcourse 8E. Upon successful completion of 8D, the student will be automatically enrolled in subcourse 8E. The 12-month timeframes for each term are exclusive, and unused time from term one may not be applied toward the second term. Successful course completion requires successful completion of both subcourses (see Academic and Testing Requirements). This enrollment period includes time required to receive materials, order/receive tests, and submit tests for scoring/posting. There is no waiver to the 12-month enrollment period except as noted in "Extensions" below.

**Extensions:** Extensions are time compensation for extraordinary and unforeseen circumstances which impede or prevent course progress or completion. Extensions may be requested only for students who encounter extended hospitalization, extended emergency leave, or extraordinary personal circumstances during course enrollment. Extension requests must be submitted on AFIADL Form 17, with supporting documentation, to EPC/DOO, 550 McDonald Street, Maxwell AFB, Gunter Annex AL 36114-3107. The length of any extension is based on individual circumstances, in 30-day increments, at the discretion of EPC/DOO as final approval authority. Extensions are handled on a case-by-case basis, and will not be considered if submitted or received after course expiration. **NOTE:** Since Course 8 is a portable, paper-based course, PCS or TDY are not acceptable justification for extension. Extensions cannot be requested or approved via telephone or e-mail. PCIII extension requests are NOT authorized. No extension should be considered approved unless written notification is received from AFIADL or EPC.

**Disenrollments and Restrictions:** Any non-completion of an enrollment is classified as a disenrollment. All disenrollment actions result in an imposed restriction period. A restriction is a period of ineligibility from enrollment into the same program or a program of the same AFIADL category. After the restriction period ends, students are eligible to enroll in any AFIADL program for which they are eligible. There is no waiver or curtailment of restriction periods, and no partial credit is given for previous enrollment progress.

**Voluntary Disenrollments:** Students may voluntarily disenroll at any time during their enrollment if personal or professional obligations preclude course completion. This action must be requested on an AFIADL Form 17 request to AFIADL Team #2: AFIADL/DOI2, 50 South Turner Blvd, Maxwell AFB-Gunter Annex AL 36118-5643. Voluntary disenrollment is considered disenrollment at student request, is coded SR, and will render the student ineligible for 6 months.

**Involuntary Disenrollments:** Students who do not meet the academic requirements are considered course failures, are coded CF, and incur a mandatory six-month restriction. Non-participation, code NP, is a disenrollment category that applies when a student neither completes nor academically fails the course, but allows the

enrollment to expire. Students disenrolled for Non-participation, are coded NP, and incur a mandatory six-month restriction.

**Transfers:** Students may request transfer from Course 8 to Course 5 only within the first 60 days of Course 8 enrollment. The transfer is requested using an AFIADL Form 17, and only one course-to-course transfer is authorized during course enrollment.

**NOTE:** The AFIADL Form 17 request must indicate a request for disenrollment from Course 8 and concurrent enrollment into Course 5. The new course enrollment date begins on the date AFIADL processes the student enrollment into Course 5.

**Records Update:** Course completion will be posted to student personnel records by AFIADL through a direct computer datalink to the Air Force Personnel Center (AFPC). AFPC will, in turn, update local MPF computers for active duty personnel, and HQ Air Reserve Personnel Center (ARPC) will update files for Reserve and Guard personnel. The CCAF record will also be updated automatically. This process may take up to four weeks; therefore, Course 8 completion may not be reflected in student records until after they receive their course completion card. If stationed overseas this period could be longer. For records certification, do not contact EPC or AFIADL. All inquiries concerning records updating must be routed through the local Military Personnel Flight (MPF) Formal Training Section.

**Diplomas/Transcripts:** Course diplomas and transcripts are handled by HQ AU/CFR, Maxwell AFB, AL 36112-6337. All students should receive a diploma following course completion. If a student is promoted while taking this course, they should submit an AFIADL Form 17 to AFIADL/DOI2 to update their student record. Diplomas will not be resent if a change request is submitted after course completion. To receive college credit for this course, students should request a transcript be sent to their educational institution.

#### **4. Responsibilities:**

**Student:** Enlisted PME distance learning programs are voluntary. Students are responsible for reading and complying with the course policies as listed in the AFIADL Catalog. It is the student's responsibility to be aware of their course start and completion dates. No outside agency is tasked with monitoring course progress or completion. Students should work with the ESF/UTS to order and schedule examinations. Students should follow a regular program of study to allow sufficient time for required course examinations prior to course expiration. The student and ESF/UTS should also ensure the back of the answer sheet is annotated with the date the test was administered. (See Academic and Testing Requirements.) All name, rank, and address changes are the responsibility of the student, and must be provided in writing to AFIADL. Provide copies of official orders and AFIADL Form 17 to ESF/UTS to request change of Test Control Facility as a result of PCS or extended TDY. Students should anticipate problems and seek assistance from AFIADL and the ESF/UTS for any circumstances that might hinder course completion.

**Education Services Flight/Unit Training Section:** Although the student is ultimately responsible for their own course success or failure, Education and Training personnel must be prepared to assist students by providing accurate enrollment and policy information. Course Development Student Assistance and Registrar (CDSAR) software is available through AFIADL Data Branch (AFIADL/DOD) and provides real-time, read-only access to student performance data directly from AFIADL. CDSAR is recommended to improve student guidance, feedback, and customer service.

**AFIADL:** Course enrollment support is provided by the AU Registrar at HQ AU/CFR, 60 Schumacher Avenue, Maxwell AFB, AL 36112-6337, DSN 493-8128, or commercial (334) 953-8128. All administrative support for Course 8 is provided by AFIADL, including course enrollment, examination scoring, duplicating, and shipping. AFIADL is the point of contact to change addresses, have damaged or lost materials resent, or general course inquiries. All communication with AFIADL must be in writing or through the local ESF/UTS. To contact AFIADL, use the AFIADL Form 17, or write to AFIADL/DOI2, 50 South Turner Boulevard, Maxwell AFB-Gunter Annex AL 36118-5643. The ESF/UTS can contact the Student Instruction Branch, at DSN 596-4985 or commercial (334) 416-4985. All communications with AFIADL should include the student's full name, SSAN, course number, and nature of request.

**EPC/DOO:** The Educational Programs Cadre (EPC), Operations and Training Section (DOO) is the office of primary responsibility for program management of EPME distance learning programs. EPC/DOO acts as the liaison between EPC and AFIADL in managing distance learning programs and maintaining program integrity. EPC/DOO is the final review and appellate authority for extension requests, exception to policy requests, and policy issues. Comments and questions may be directed to EPC/DOO at e-mail: EPC.DOO@maxwell.af.mil.

### **Squadron Officer School (SOS) Nonresident Programs**

**General:** Program 26 (Paper Based) and Program 27 (interactive CD-ROM plus 895 pages of paper) do not parallel the resident course. The primary reason is the target audience for the distributive learning course has changed. Our customer base is more than 70% Guard and Reserve who are at the 4-11 year point. They will not have participated in the new Aerospace Basic Course. The new SOS course is a bridging course for these individuals. Program 26 and 27 are comprised of 5 Courses or Core areas that are evaluated by 4 tests.

#### **Administration**

The student alone is responsible and accountable for understanding and meeting the overall program and individual course requirements within the time constraints.

**Time Limits:** The SOS distributive learning Program is an 18-month program. The academic time schedule is 12 months with an additional 6 months given to complete the course due to current operation tempos, possible TDYs or PCS, mail time, administrative processing, and posting of scores. The student must successfully complete all the courses within 18 months from the original program enrollment date. There is no requirement to complete a certain test within a specified time frame as long as all four tests are successfully completed within the 18-month time limit. History shows procrastination is the biggest culprit in noncompletion. Students are responsible for tracking their own time limits. It is not the responsibility of the Education Office or Test Control Office (TCO) to track the student time limits. **Extensions are not authorized!**

**Shipment of Materials:** The Air Force Institute for Advanced Distributed Learning (AFIADL) mails the entire correspondence program and any subsequent administrative information directly to the student at their home address. Be sure AFIADL always has your current address. Student materials are shipped via fourth class mail and can take 2-4 weeks and, on occasion, up to 6 weeks for CONUS delivery and 4-8 weeks for overseas delivery. When your materials arrive, open them and immediately check them against the materials list. Mail time is part of your allotted program time, so plan for it.

**Testing:** Programs 26 and 27 have five courses but only 4 tests. Course B and C are tested together. The minimum passing score is 65 percent. When AFIADL mails the program material, they automatically forward the first test, Officership, to the TCO. Tests are sent first-class mail and average 7 days for stateside delivery and 14 days for overseas delivery. You should contact the TCO and let them know you have enrolled. Be sure to work with them to schedule a time to take the test; first ensure they have actually received your test materials before scheduling a testing time. When the student completes the test, the TCO mails the answer sheet to AFIADL for scoring. Do not FAX the answer sheet to AFIADL. AFIADL will also forward subsequent tests automatically after the prior test has been scored. Tests for multiple courses will not be sent in advance. Students who fail a test are permitted one retake, provided the retake is successfully completed within the 18-month time limit. No extension is permitted simply because a student needs time to retest. The test may be at the TCO, but if it is not completed and mailed by the TCO within the 18-month limit, no credit will be given (see disenrollment). **NOTE:** The student should receive a card to inform them which areas showed difficulty on the test. The numbers used indicate the objective area(s) missed not the test question itself. Therefore, you may see the same number more than once. This would indicate the student missed more than one question from that objective area. The number relates directly to the objective number in the text materials. Test mailing, scoring, and posting are part of the 18- month time limit.

**Disenrollment:** To request disenrollment, complete an AFIADL Form 17 through your education office or electronically via the AFIADL web site and forward it to AFIADL. Be sure to fill out the top portion completely, mark the appropriate block on the form,

and sign it (student signature). If the student does not complete the program within the 18-month time limit, fails a retest, or requests disenrollment via an AFIADL Form 17, they will be disenrolled. When this happens, they enter a restriction period of 6 months, during which the student is unable to enroll in any PME course. Additionally, when the student is eligible to re-enter the program, they do so from the beginning. No credit will be given for prior work accomplished. For example, if the student fails the last test (Course E, Leadership and Management Studies) and subsequently fails the retest, they are not able to re-enroll for 6 months; when they re-enroll, they must start in the first course (Course A, Profession of Arms).

**Course Completion:** A course is not considered officially complete until AFIADL receives your test answer sheet, grades it, and posts a passing score to your record. You must take each course in sequence. The average mail-and-processing-time is 7 days from CONUS and 14 days from overseas. AFIADL will notify you by postcard of your test score and course completion (provided they have your current mailing address). Remember: Program 26/27 consists of five courses. All courses must be completed successfully to complete the program. After all program requirements are complete, AU Registrar will send the student a diploma. Be patient.

**Record Update:** The only agency authorized to update your records is the Officer PME Branch (AU/CFRO). Phone numbers are DSN 493-4814/4776 or Commercial 334-953-4814/4776. The new fax number is DSN 493-8127 or Commercial 334-953-8127, and the new address is 60 Shumacher Ave, Maxwell AFB AL, 36112-6337. The Officer PME Branch has a direct computer link to the Air Force Personnel Center (AFPC) to input data. AFPC updates local Military Personnel Flight (MPF) computers and HQ ARPC (for AFRC and ANG) files. Your master record will be updated in 3-4 days. This information then passes to your local MPF. This process may take up to 4-6 weeks. Don't contact AFIADL or SOS concerning your record update unless you are meeting a board in less than a week. Check with your MPF Classification and Training unit. **NOTE:** No record of test scores, test failures, or disenrollment is kept in your records. Program completion is the only event recorded in your official personnel record.

**RETIREMENT POINT CREDIT:** The Air Reserve Personnel Center (ARPC) determines and records Air Force Reserve Command (AFRC) and Air National Guard (ANG) retirement points. Don't contact SOS concerning retirement points. HQ ARPC/DDPPKB is the sole authority for awarding these points (DSN 926-6012 or toll free 1-800-525-0102 ext. x71285).

**TRANSCRIPT REQUESTS:** All transcripts must be requested by the student in writing from the Services/Records Branch of AU/Registrar, Maxwell AFB, Bldg 803. Letters may be mailed to Air University Registrar (AU/CFRR), 60 Shumacher Ave, Maxwell AFB, AL 36112-6337. All requests must include the student's name, any previous names used, social security number, dates of attendance, school or course

completed, complete address where the transcript is to be mailed, the student's signature, current address, and phone number. The above information may also be faxed to (334) 953-8127. Call DSN 493-8128/1240 or Commercial 334-953-8128/1240 for additional information. There is no fee.

Squadron Officer School's Program 25, CD-ROM only, was activated on 13 Jan 97 and is now closed to further enrollments. Those already enrolled must continue in Program 25 and may not transfer to the new course.

### **SYSTEM REQUIREMENTS FOR PROGRAM 27 ARE AS FOLLOWS:**

#### **MINIMUM SYSTEM REQUIREMENTS:**

Pentium 100 MHZ CPU and 32Mb RAM  
8X CD-ROM  
30Mb available hard drive space  
100% Sound Blaster compatible sound card  
16 bit color video adapter  
Speaker or headset  
Windows 95, 98 or NT 4.0 \*\*note: With NT, you will require a Win 95/98 machine to complete the simulation at the end of the course.

#### **RECOMMENDED SYSTEM REQUIREMENTS:**

Same as Minimum System with the addition of  
Pentium 233 or faster CPU  
16X CD-ROM  
Eligibility: Any US armed forces officer (active duty, Reserve, or National Guard) in the grade of captain (O-3) or above is eligible (selects are not eligible at this time). Additionally, officers of the Civil Air Patrol in the grade of captain or above and federal civilian employees in the grades of GS-9, WG-10, WL-9, and WS-8 and above are eligible.

**Note:** The resident program 7-year TAFCS restriction (AF CAT 36-2223) for active duty officers doesn't apply to the nonresident program.

**Reminder:** Program 26 is the paper version, Program 27 is the multimedia (CD-ROM and paper) version. Specify Program 27 when enrolling at the base education office to receive the multimedia version. You may not change once your course is shipped. We highly encourage students to enroll in Program 27 (the CD-ROM version) since it is a more effective learning tool.

**00026A/00027A-Profession of Arms**

1 Volume Activated: Feb 01

Hours: Volumes – 18 CE – 6

Points: Volumes – 6 CE – 2

**Content:** Profession of Arms focuses on an officer's roles and responsibilities as a commissioned officer.

**00026B/00027B-Military Studies**

1 Volume Activated: Feb 01

Hours: Volumes – 18 CE – 6

Points: Volumes – 6 CE – 2

**Content:** Military Studies examines the make-up of the military and how we function. The student learns about all the services and the concept and history of the Total Force.

**00026C/00027C-International Studies**

1 Volume Activated: Feb 01

Hours: Volumes – 18 CE – 6

Points: Volumes – 6 CE – 2

**Content:** International Studies reviews the concepts of international organizations and Joint Operations. This course examines Joint Vision 2010 and concludes with a detailed Geo-Political review of the most active hot spots around the world.

**00026D/00027D-Communication Studies**

1 Volume Activated: Feb 01

Hours: Volumes – 18 CE – 6

Points: Volumes – 6 CE - 2

**Content:** Communication Studies teaches the concept of good writing and briefing in a well-organized, well-supported and concise manner.

**00026E/00027E- Leadership and Management Studies**

1 Volume Activated: Feb 01

Hours: Volumes – 18 CE – 6

Points: Volumes – 6 CE - 2

**Content:** Leadership & Management Studies explores the complete range of leadership from what it is, how to lead with historical examples of leadership and how to be a good follower. The student also learns other areas of leadership such as Problem Solving. Additional material in this area covers risk management, mentoring and the personnel system.

## **Intermediate Officer PME**

### **Air Command and Staff College (ACSC) Distance Learning**

**General:** The ACSC Distance Learning (DL) Program was established in 1948 to provide intermediate-level PME via correspondence to officers unable to attend ACSC in-residence. In 1969, ACSC expanded the scope of the DL program by implementing a seminar program to provide for the sharing of opinions, expertise, and experiences among the seminar members. Both the seminar and correspondence programs achieved reaccreditation for JPME Phase I credit in 1997.

Today, technology offers opportunities to improve upon the traditional seminar and correspondence programs. The ACSC distance learning staff is continually exploring new and better ways to meet the demand for professional military education of midcareer officers stationed throughout the world. All of these efforts are designed to narrow the gap between resident and nonresident students. CD-ROM, internet, and satellite technologies have tremendous promise for delivering a quality educational experience and clearly identifies ACSC as a pacesetter not only within Air University but within the educational community.

**Eligibility:** ACSC nonresident programs are offered to US active duty, Reserve, and National Guard major selectees and above from all services. DoD civilian employees in or above the grade of GS-11 (or equivalent) may also enroll. International applicants for nonresident ACSC must be a major selectee or higher or equivalent grade civilian employee of the military department of a country or international organization assigned to a DoD billet. International officers may also enroll through the Foreign Military Sales (FMS) training sponsorship program. Specific instructions are listed in AFI 36-2301 and at the ACSC public web site: <http://wwwacsc.maxwell.af.mil>

**Program Description:** The Air Command and Staff College nonresident curriculum is designed to support the three components of ACSC's mission statement: first, to prepare leaders for higher level command and staff responsibilities; second, to prepare leaders to understand, plan, and execute components of an air campaign and the joint campaign planning process; and third, to prepare leaders to think logically and critically at the operational level in order to expand and advance the body of aerospace knowledge.



The course of study is an integrated process. It begins with studies designed to enhance the students' leadership and command skills and it ends with lessons in which students will learn about possible future force structures needed to meet an undefined and technologically accelerating future.

The ACSC distance learning curriculum is delivered via printed books, CD-ROM, and the Internet. Students receive an integrated multimedia curriculum that includes textbook readings, video, and interactive applications. Students may choose one of three methods to complete the program. Students have 18-months to complete this program and must achieve a minimum score of 70% on each of 6 examinations and complete 4 online exercises.

1. Correspondence (self-study): This method affords students the opportunity to choose the time and place of study. ACSC provides the framework for completing this program by providing a recommended schedule for students to follow. Students may enroll at any time throughout the year.
2. Seminar: In this 11-month program students meet weekly (on-base) in a forum designed for the free exchange of ideas and opinions on vital issues facing the USAF, DoD and the nation. Seminar participants share unique background experiences and technical expertise. ACSC provides the framework for conducting the seminar program by providing a schedule for the seminars to follow. This seminar is composed of 8-18 members and begins in August of each year.
3. Cyber-Seminars: In this 11-month program students meet weekly in a "cyberspace" forum designed for the free exchange of ideas and opinions on vital issues facing the USAF, DoD and the nation. Seminar participants share unique background experiences and technical expertise. Beginning in August of each year, students conduct weekly meetings in the ACSC Electronic Classrooms. ACSC provides the framework for conducting this seminar by providing a schedule for the seminars to follow. The seminar is composed of 8-15 members. (NOTE: Each student must subscribe to an on-line service providing Internet access and are financially responsible for all costs associated with their on-line services. Students choosing this method of study must contact the ACSC Distance Learning Department upon enrollment.)

**Note** that all three forms of enrollment correspond to the same personnel record entry upon successful course completion, namely "Nonresident."

Students selecting the seminar and cyber-seminar methods must accomplish the following within 18 months to graduate; achieve a minimum score of 70% on each of six examinations, complete 4 online exercises, and serve as a seminar leader for a variety of lessons.

ACSC has a Distance Learning Electronic Campus on the Internet. Any student enrolled in the ACSC program may have access to the campus. The campus contains a

library with lesson plans, audio/video files, readings and interactive computer simulations. Additionally, students can post messages on the bulletin boards and join on-going discussions in the chat areas. For additional information or to obtain access to the campus contact ACSC Distance Learning Department at DSN 493-7901 or (334) 953-7901, 1-800-316-7042 or e-mail: [acsmdl@maxwell.af.mil](mailto:acsmdl@maxwell.af.mil). (NOTE: Students are financially responsible for all costs associated with their on-line services.)

**Computer required for this course:** The following are computer system/software requirements:

**Required Equipment** - To use the CD-ROM and participate in this program you must, as a minimum, own or have access to:

IBM compatible computer.

486/100 MHz, Windows 95, 98, or NT operating systems.

Browser software (Internet Explorer or Netscape versions 3.02 or greater).

Real Player (Version 7 or greater).

16 Mb of RAM.

VGA monitor and video card capable of displaying 64K colors.

Quadspeed (4X) CD-ROM drive.

16-bit sound card.

Speakers or headphones.

Access to the Internet.

**Recommended Equipment –**

IBM compatible computer with a Pentium or equivalent CPU.

333 MHz or faster.

Windows 95, 98, or NT operating systems.

Browser software (Internet Explorer or Netscape versions 5 or greater).

Real Player (Version 7 or greater).

64 Mb of RAM.

17 inch SVGA monitor with 8 MB video card.

32-speed (32X) CD-ROM drive.

32-bit sound card, speakers, or headphones.

Access to the Internet / 56K modem.

**NOTE:** Internet Explorer, Netscape, and Real Player can be downloaded free. See section on "CD installation requirements" for website addresses.

**Joint PME/Intermediate Service School (ISS) Credit:** ACSC distance learning programs (AY91 and later) grant two types of PME credit: Joint PME credit, approved by the Chairman of the Joint Chiefs of Staff, and ISS credit, approved by each service.

Joint PME Phase I credit is awarded to members of all services. ISS credit is determined separately by each service for each PME school. In May 1997, ACSC received a five-year reaccreditation for its nonresident PME programs.

**00030A-Air Command and Staff College (ACSC) Distance Learning  
(Multimedia CD-ROM Nonresident Program)**

2 CDs and 5 printed Coursebooks: Activated Jul 2000

Hours: 57

Points: 19

**Content:** Lessons include: Leadership and Command: Military Leadership In The New Millennium, The Role Of A Leader In The Development And Maintenance Of Organizational Culture; National And International Security Studies: Perspectives On The International System, Tools For International Strategy And Policy, National And International Security Issues, Part 1 and 2.

**00030B-Air Command and Staff College (ACSC) Distance Learning  
(Multimedia CD-ROM Nonresident Program)**

2 CDs and 5 printed Coursebooks: Activated Jul 2000

Hours: 48

Points: 16

**Content:** Lessons include: Nature Of War: Foundational Perspectives On The Nature Of War: The Western Perspective, Foundational Perspectives On The Nature Of War: The Non-Western Perspective, An Analytic Framework For The Study Of The Nature Of War, Part 1 and 2, War Termination And Conflict Resolution.

**00030C-Air Command and Staff College (ACSC) Distance Learning  
(Multimedia CD-ROM Nonresident Program)**

2 CDs and 5 printed Coursebooks: Activated Jul 2000

Hours: 81

Points: 27

**Content:** Lessons include: Military Studies: The Age Of Total War, Evolution In The Interwar Years, Air Power And The Operational Level Of War, Part 1 and 2, Modern Theories Of Aerospace Power; Leadership And Command, Phase II: Developing A Personal Leadership Philosophy By Knowing Yourself, The Role Of A Leader In The Development And Maintenance Of An Effective Air Force Team.

**00030D-Air Command and Staff College (ACSC) Distance Learning  
(Multimedia CD-ROM Nonresident Program)**

2 CDs and 5 printed Coursebooks: Activated Jul 2000

Hours: 63

Points: 21

**Content:** Lessons include: Operational Forces: Roles And Functions Of The US Armed Forces and US Air Force Operations, US Maritime Forces: The Navy, Marines, And Coast Guard, United States Army Operations And Special Operations Forces, Operational Force Enablers (Part I): Command And Control For Joint Air Operations, And Intelligence Support To Operations, Operational Force Enablers (Part II): Force Protection, Reserve Component, Agile Combat Support, Defense Transportation System, And A Logistics Overview.

**00030E-Air Command and Staff College (ACSC) Distance Learning  
(Multimedia CD-ROM Nonresident Program)**

2 CDs and 5 printed Coursebooks: Activated Jul 2000

Hours: 51

Points: 17

**Content:** Lessons include: Aerospace Operations: Aerospace Doctrine And Strategy, Command And Control (C2) For Aerospace Operations, Aerospace Power Employment, Aerospace Operations Planning Tools For The JAOP Through The ATO, The Joint Air Operations Plan (JAOP) (Stages I-V).

**00030F-Air Command and Staff College (ACSC) Distance Learning  
(Multimedia CD-ROM Nonresident Program)**

2 CDs and 5 printed Coursebooks: Activated Jul 2000

Hours: 132

Points: 44

**Content:** Lessons include: Joint Operations And Campaign Planning: Joint Doctrine And Organization, Defense Planning Systems, Joint Campaign Planning: Deliberate Planning, Joint Campaign Planning: Crisis Action Planning, Advanced Planning Considerations And Case Studies; Leadership And Command, Phase III: Challenges To Leadership And Resources Available To The Leader, Preparing For Tomorrow While Leading In Today's Air Force. Air Force Exercise: Strategy; Future Capabilities And Concepts: How To Study The Future, Scanning The Horizon For Change, Wildcards, AF Application Of Future Concepts.



## Unit 5. Specialized Courses

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### (1W) Weather

#### **01W01A—Supplemental Forecaster Training**

4 Volumes: Activated October 1996

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7 (CCAF Credit - 2)

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**Content:** Volume 1 starts with a review of atmospheric physics. It also covers synoptic-scale systems and discussions on the atmosphere and air masses. Volume 2 discusses how to forecast upper-air and surface systems using different methods and procedures. Volume 3 covers weather element forecasting, flight hazards, and limited data forecasting. Volume 4 discusses severe weather forecasting techniques.

**Special Information:** Course 01W01A is a mandatory prerequisite for enrollment in Courses 01W01B and 01W01C.

### **01W01B—Supplemental Forecaster Training**

3 Volumes: Activated October 1996

Hours: Volumes - 69 CE - 18

Points: Volumes - 23 CE - 6 (CCAF Credit - 1)

**Content:** Volume 1 covers meteorological satellite and electro-optics. Volume 2 covers general tropical weather information and analysis and forecasting in the tropics. Volume 3 deals with oceanography.

**Special Information:** Course 01W01A is a mandatory prerequisite for enrollment in Course 01W01B.

### **01W01C—Supplemental Forecaster Training**

2 Volumes: Activated Feb 1997; Revised Jul 98; Revised Jul 2000

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

**Content:** Volume 1 pertains to the WSR-88D weather radar.

**Special Information:** Course 01W01A is a mandatory prerequisite for enrollment in Course 01W01C.

### **01W01D—Supplemental Forecaster Training**

1 Volume: Activated Mar 98; Revised Sep 2000

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

**Content:** This one volume course is an introductory course on the space environment.

**Special Information:** CDCs 01W01A/B/C are prerequisites for enrollment in CDC 01W01D.

## **(19) Supervisor Safety**

### **01900—(Air Force) Joint Service Supervisor Safety Course**

1 Volume: Activated Jan 82; Revised Jan 88

Hours: Volume - 18 CE - 3

Points: Volume - 6 CE - 1 (CCAF Credit-0)

**Content:** This course presents the basic guidelines for organizing a safety program and covers the role of the supervisor, preparing the worker for the job, supervising tasks, hazard control, control of workplace environment, fire protection, and off-duty safety.

## (20) Public Affairs (CAP)

### 02010—Civil Air Patrol Public Affairs Officer (Level II Technician Rating)

2 Volumes: Activated Apr 82; Revised Apr 88

Hours: Volumes - 21 CE - 6

Points: Volumes - 7 CE - 2 (CCAF Credit - 0)

**Content:** This course provides the public affairs officer with the ways to create an effective public affairs program. It discusses the use of all available media of communication to strengthen and to support the objectives of the public affairs program; including, general administrative, internal information, community relations aspects, techniques of writing news stories, and the relationship between the PAO and the news media representatives.

#### Eligibility:

1. There is no prerequisite to enrollment for CAP senior members.
2. Cadets may enroll in courses related to their CAP duty. This is monitored in the CAP unit by the Cadet Program Officer.

## (21) Safety (CAP)

### 02130A—Civil Air Patrol Scanner Course, Level II

1 Volume: Revised Jan 99

Hours: Volume - 6 CE - 3

Points: Volume - 2 CE - 1 (CCAF Credit - 0)

**Content:** Civil Air Patrol and other agencies have developed procedures to make scanning very effective. These procedures are outlined in this course, and it is essential that you understand them before flying on an actual search mission. As you study the volume, you will learn how to prepare yourself to do a professional job of scanning.

**Special Information:** There is no prerequisite to enrollment for CAP senior members. Cadets may enroll in courses related to their CAP duty. (This is monitored in the CAP unit by the Cadet Program Officer).

### 02130B—Civil Air Patrol Mission Observer Course, Level II

1 Volume: Activated Dec 81; Revised Feb 88

Hours: Volume - 12 CE - 3

Points: Volume - 4 CE - 1 (CCAF Credit - 0)

**Content:** This course, Mission Observer, is designed to assist in preparing qualified scanners, who have the desire, to become mission observers. Civil Air Patrol and other



agencies have developed procedures and techniques to make mission observing as effective as possible. These are outlined in this course. It is essential that you understand them before participating in an actual mission.

### **02130D<sup>3/4</sup> Civil Air Patrol Emergency Services Course**

1 Volume: Revised Apr 96

Hours: Volume - 12 CE - 3

Points: Volume - 4 CE - 1 (CCAF Credit - 0)

**Content:** Unit 1 is an introduction to Civil Air Patrol (CAP) Emergency Services policies; Unit 2 covers the organization of an Emergency Services team, some key responsibilities, qualifications, the alerting system, briefing/debriefing, and team composition. Unit 3 covers search liaison, activation, command and control of the mission, mission management, how to deal with non-CAP volunteers, air and ground operations, how to avoid fatigue, how to enter a crash site, and mission termination. Unit 4 describes procedures for peacetime natural disaster relief; Unit 5 covers CAP assistance to civil defense, policies, emergency management, mission execution, training, mobilization, and plans. Unit 6 covers helicopter operations, characteristics, restrictions, and unprepared site operations. Finally, Unit 7 covers American Red Cross support by CAP.

### **02170—Civil Air Patrol Safety Officer Course**

1 Volume: Revised Jul 86; Revised Mar 88

Hours: Volume - 3 CE - 3

Points: Volume - 1 CE - 1 (CCAF Credit - 0)

**Content:** This course should help you to develop a thorough understanding of all facets of the CAP safety program at all levels of organization. It should help you to develop and interpret the many and varied tasks that you, as safety officer, must perform. Last, but not least, it should give you enough information so you can recognize and cope with potential/actual accident-producing hazards within CAP.

**Special Information:** Cadets may enroll in courses related to their CAP duty.

## **(21A1) Aircraft Maintenance Officer**

### **021A1—Aircraft Maintenance Officer (Bridge/Accelerated/Air Reserve Forces)**

3 Volumes: Activated May 97

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

**Content:** Volume 1, *General Maintenance*, deals with maintenance issues that are applicable across the whole maintenance spectrum—flightline, munitions, and backshop maintenance. It covers such areas as organizational structures, types of maintenance,

and the logistics involved with maintenance. Volume 2, *Flightline Maintenance*, covers maintaining aircraft and aircraft systems. Volume 3, *Munitions Maintenance*, discusses munitions management, responsibilities of the MASO, and munitions principles.

**Special Information:** Beginning Oct 97, completion of Specialized Course (SC) 021A1 will become a mandatory prerequisite for students attending J30LR21A1 008, Aircraft Maintenance Officer (Bridge) course.

## (3S) Education and Training

### 3S200—Education and Training Manager

3 Volumes: Revised Feb 97; Volumes 2 and 3 revised Dec 1999

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4 (CCAF Credit - 1)

**Content:** Volume 1 covers how to develop on-the-job training programs at the work center level. Volume 2 covers unit, maintenance, base, and MAJCOM education and training functions. Volume 3 pertains to the educational services functions.

(NOTE: Active duty Air Force personnel in AFSC 3S251 are required to mandatorily enroll in this course. All other personnel should enroll voluntarily.)

## (4B) Medical

### B6RSOM –Radiation Safety Officer (CD-ROM)

11 Modules on 1 CD-ROM: Activated Aug 2000

Hours: Volumes – 39 CE - 9

Points: Volumes – 13 CE - 3

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**Content:** This computer-based instruction provides knowledge and skills for Bioenvironmental Engineering officers, enlisted, and civilian personnel who have been designated as radiation protection/safety officer or alternate. Training will cover the basics of health physics and in-depth practical advice on developing and maintaining a radiation protection program. Training includes basic health physics, internal and external dosimetry, radiation instrumentation, transportation, disposal, and radiation protection program.

**Computer system/software minimum requirements:** Pentium 175 MHz (266 MHz recommended) computer with 32 MB RAM (64 MB recommended), 5 MB hard drive space available, a SVGA monitor with a 2 MB True Color (16 bit) capable video card or higher, sound card and headphone or speakers, 2x speed (24x recommended) CD-

ROM drive, Microsoft Windows 95/98 or NT 4.0, and Internet Explorer 4.0 or Netscape Communicator.

Module 1	Fundamental Concepts
Module 2	Biological Effects of Ionizing Radiation
Module 3	Instruments
Module 4	Dosimetry
Module 5	Radiological Protection and Control
Module 6	Transportation
Module 7	Disposition of Radioactive Material
Module 8	Accidents and Incidents
Module 9	Regulations
Module 10	Licensing and Permitting
Module 11	Operational Radiation Safety Program

## (46) Nurse

### 046A1-Nursing Service Fundamentals (NSF)

3 Volumes: Activated May 95

Hours: Vols -54 CE-15

Points: Vols -18 CE-5

Reserve Retirement Points -23

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**Content:** This course is an introductory leadership and management course for military nurses and is open to all nurse corps officers. The three volumes have twenty-five units and cover the following topics—the Objective Medical Group, Responsibility and Accountability, Air Force Publications, Unit Philosophy, Objectives and Operational Plans, Quality Initiatives, Quality Surveys, Utilization Management, Maintaining a Quality Force, Enlisted and Civilian Force, Nurse Officer Professional Development, Cultural Diversity, the Impaired Provider, Ethical Decision Making, Transition, Leadership and Followership, Managerial Functions, Organizational Dynamics, Managing Yourself and Helping Others Cope, Performance Appraisals, Preparing Duty Schedules, Staff Recognition, Budgeting, Medical Logistics, and Medical Manpower.

**Special Information:** Active duty nurses must complete Nursing Service Fundamentals (SC 9711 or SC 46A1) to be eligible for the Nursing Service Management course in residence. Upon successful completion of NSF, students may obtain 103.5 contact hours by returning the continuing education critique form to the point of contact (course writer). Send the critique to 383 TRS/XUFAW, 939 Missile Road, Suite 3, Sheppard

AFB, TX, 76311-2262. Point of contact is at DSN 736-6516, or commercial 940-676-6516. DSN fax is 736-7569.

## **(66) Logistics, Plans, and Programs**

### **06601—Introduction to the Quality Function**

1 Volume: Revised Oct 78; Revised Jan 88

Hours: Volume - 21 CE - 6

Points: Volume - 7 CE - 2 (CCAF Credit-0)

**Content:** This course is designed to provide an introduction to the philosophy and policies for quality assurance. Emphasis is given to the application of quality matters in an industrial/military environment. In any effort which involves such a range of activities as quality assurance, no one person can know and do everything necessary in the operation of such a program. Consequently, this course explores only the basic methods and techniques that have assisted industrial and military managers in conducting effective quality assurance programs.

### **06608—An Introduction to Air Force Provisioning Management**

1 Volume: Activated Oct 89

Hours: Volume - 21 CE - 6

Points: Volume - 7 CE - 2 (CCAF Credit-0)

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**Content:** Course 6608 is designed to provide a brief overview of the provisioning management process as it is carried out in the Air Force today. The intent of the course is to provide a broad overview of the process for Air Force managers working in provisioning-related fields. The course includes provisioning and the systems acquisition process, integrated logistics support, logistics support analysis, provisioning planning, the formal provisioning process, the technical functions of provisioning, other considerations in the provisioning process, and the provisioning process as a whole.

### **06613—Quality Management**

1 Volume: Activated Oct 93

Hours: Volume - 12 CE - 3

Points: Volume - 4 CE - 1 (CCAF Credit - 0)

**Content:** This one-volume text on quality management is intended to provide an overview of the leading philosophies in DOD's Total Quality Management (TQM) process. This volume covers the introduction to quality, Dr. Deming's philosophy of management, Federal Government's involvement in TQM, Dr. Juran's quality management trilogy and quality leadership, Phil Crosby's philosophy, problem solving and process improvement tools, and statistical process control and variability reduction.

**(67) Financial****(73) Personnel****07340—Air Reserve Forces Social Actions Technician  
(Drug/Alcohol)**

1 Volume: Revised Nov 90

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1 (CCAF Credit-0)

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**Content:** This course outlines the operation of the Substance Abuse Control Program. It includes information about the social actions program management portion of the Substance Abuse Control Program and covers information about policies and programs, career field structure and progression, safety and security, and social actions training. It also includes personal growth and development, substance abuse reorientation and treatment, and methods of identification. It concludes with the summary of treatment, group counseling, and substance abuse case files.

**Special Information:** Open to AFRES/ANG personnel in 734XX and 736XX Career Field.

**(79) Public Affairs****07920—Public Affairs Officer**

3 Volumes: Revised Apr 92

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5 (CCAF Credit-1)

**Content:** This course was written to assist your transition into the world of a public affairs officer. Volume 1 covers general information, writing, and visual communication. Volume 2 discusses the three disciplines of Public Affairs—internal information, media relations, and community relations. Volume 3 covers the various roles assumed by an Air Force public affairs officer.

## (81) Security Police

### **08100M—Crime Prevention, Computer-Based Instruction (3 1/2" disks)**

### **08100X—Crime Prevention, Computer-Based Instruction (Download)**

7 Modules: Activated Apr 98

Hours: Volume - 24 CE - 6

Points: Volume - 8 CE - 2

(No disks included in enrollment package; student will download files from the Internet or use disks from another package when several staff members from a flight enroll at the same time.)

**Content:** This computer-based instruction, *Crime Prevention*, is an introduction to the Air Force Crime Prevention Program and an overview of security devices and procedures.

Module 1: History and Philosophy of Crime Prevention

Module 2: Defining Crime Problems and Priorities

Module 3: Crime Risk Management

Module 4: Crime Prevention Programs and Management

Module 5: Evaluation of Crime Prevention Programs

Module 6: Security Measures

Module 7: Crime Prevention Through Environment Design (CPTED)

**Hardware Minimum Requirements:** 486 or higher computer, at least 20 MB of hard drive space, 8 MB RAM, with Microsoft Windows 3.X or Windows 95 and color monitor. Will not run on Windows NT 4.0 or higher.

**Note:** Enroll in 08100M if you need the set of 3 1/2" disks. Enroll in 08100X if you plan to download files from the Internet or plan to use disks from another staff member who enrolls at the same time.

## **Classified National Security Information Management—CBI**

### **0Z100—Declassification Training, Computer-Based Instruction (3 1/2" disk)**

1 Module: Activated Jan 96

Hours: Modules - 30 CE - 9

Points: Modules - 10 CE - 3 (CCAF Credit - 0)

**Content:** This computer-based instruction provides the apprentice-level Information Manager with the training necessary to implement the new Executive Order 12958,

*Classified National Security Information.* This course includes five lessons: 1) Information Security Management, 2) Overview of Classification Management, 3) Declassification Exemptions, 4) Processes and Procedures of Declassification, and 5) Application of Declassification Processes.

**Special Information:** Hardware *minimum* requirements: 386 computer with hard drive, color EGA monitor.

## Civilian Personnel—CBI

### 0C203—Personnel Clerk, Computer-Based Instruction (3½" disks)

### 0X203—Personnel Clerk, Computer-Based Instruction (NOTE:

No disks included in enrollment package; student will download files from the Internet or use disks from another package when several staff members from a flight enroll at the same time.)

8 Modules: Revised Jan 97

Hours: Modules - 39 CE - 9

Points: Modules - 13 CE - 3 (CCAF Credit - 1)

**Content:** The Personnel Clerk course is designed to provide students with a basic understanding of a variety of functions generally performed by Personnel Clerks or Assistants. It includes relevant information and instructions for performing the fundamental procedures used in processing personnel actions, maintaining personnel records and files, and making determinations regarding various entitlements and benefits of Federal civilian employees. The course is also designed to familiarize students with the applicable reference materials and forms necessary for performance of these functions:

Module 1	Processing Personnel Actions
Module 2	Maintaining Records and Files
Module 3	Employee Data Determinations
Module 4	Federal Employee Group Life Insurance and Health Benefits Programs
Module 5	Federal Retirement System
Module 6	Thrift Savings Plan
Module 7	Awards
Module 8	Federal Employees' Compensation Act

<b>NOTE:</b>	Enroll in 0C203 if you need the set of 3½" disks.
	Enroll in 0X203 if you plan to download files from the Internet or plan to use disks from another staff member who enrolls at the same time.

## 0C221M—Position Classification Course

6 Modules: Activated Feb 1999

Hours: Modules - 30 CE - 12

Points: Modules - 10 CE - 4

**Content:** This computer-based instruction provides the fundamentals of position classification to personnelists newly assigned position classification responsibility. The course is designed to help students acquire a sound comprehension of fundamental classification regulations, methodologies, and practices; as well as help them develop skills in gathering information, writing position descriptions, classifying positions, and preparing substantiating analyses.

Module 1	Sources of Authority
Module 2	Introduction to Classification
Module 3	Position Descriptions
Module 4	The Classification Process
Module 5	Classification Exercises
Module 6	Classifying Supervisory Positions

**Computer System/Software minimum requirements:** IBM compatible Pentium 90 MHz computer with 16 MB of RAM, Windows 95 or higher, a SVGA monitor with a 2 MB True Color (16 bit) capable video card or higher, sound card and headphone or speakers, six speed or higher CD-ROM drive and Microsoft 3.02 or higher.

**Special Information:** This course must be completed within 6 months of enrollment date.

## 0C233M—Labor-Management Relations

8 Modules: Activated Aug 1999

Hours: Modules - 141 CE - 18

Points: Modules - 47 CE - 6

**Content:** This Labor-Management Relations course is intended to prepare personnelists and military and civilian supervisors to administer labor agreements and engage in collective bargaining. This course is designed for military and civilian personnel of all levels and grades who are responsible for aspects of labor-management relations programs.

Module 1	Sources of Authority
----------	----------------------



Module 2	Labor-Management Relations Program Overview
Module 3	Union Representation
Module 4	Bargaining Obligations
Module 5	Bargaining Principles & Practices
Module 6	Unfair Labor Practices (ULP'S)
Module 7	Negotiated Grievance and Arbitration Procedures
Module 8	LMR Cooperation/Partnerships

**Computer System/Software minimum requirements:** IBM compatible Pentium 90 MHz computer with 16 MB of RAM, Windows 95 or higher, a VGA monitor with a True Color (16 bit) capable video card, sound card and headphone or speakers, quad speed CD-ROM drive and Microsoft Internet Explorer 4.0.

**Special Information:** This course is a prerequisite to the resident Labor Management Relations Negotiations course. This course must be completed within 6 months of enrollment date.

### **3C106—Affirmative Employment Course, Part 1, Computer-Based Instruction (3½" disk)**

4 Modules: Revised Aug 96

Hours: Modules - 39 CE - 9

Points: Modules - 13 CE - 3 (CCAF Credit - 1)

**Content:** This interactive courseware on computer diskettes consists of four modules of instruction. Module 1, *Sources of Authority*, contains four lessons: 1) Laws, Executive Orders and Code of Federal Regulations, 2) OPM Issuances, 3) DOD and AF Directives, and 4) Third Party Decisions. Module 2, *Filling Positions*, covers: 1) General Principles, 2) Priorities & Restrictions, 3) Internal Placement, and 4) External Recruitment. The lessons in Module 3, *Qualification Determinations* are: 1) Qualification Standards, 2) Crediting Experience, 3) Crediting Education, and 4) Crediting Combination of Education and Experience. The last module, *Merit Promotion*, is made up of: 1) General Principles, 2) Promotions not Subject to Competition, 3) Identification, Evaluation and Referral, and 4) Relationships with Employees and Employee Organizations.

**Special Information:** Hardware *minimum* requirements: 286 computer with hard drive, color EGA monitor.

### **3C107—Affirmative Employment Course, Part II, Computer-Based Instruction (3½ " disk)**

2 Modules: Activated Aug 96

Hours: Modules - 18 CE - 6

Points: Modules - 6 CE - 2 (CCAF Credit - 0)

**Content:** This interactive courseware on computer diskettes consists of two modules of instruction. It is the second part of the Affirmative Employment Course 3C106.

Module 1, *Pay Determination*, contains four lessons: 1) Introduction, 2) Promotions, 3) Highest Previous Rate, and 4) Grade and Pay Retention. In Module 2, *Reduction in Force*, the lessons are: 1) Introduction, 2) Planning for RIF, 3) Competitive Levels, 4) Retention Registers, 5) Assignments Rights, and 6) Effecting RIF Actions.

**Special Information:** Hardware *minimum* requirements: 386 computer with hard drive, color VGA monitor.

## Air Force Supervisor's Course-CBI

### 0C300M—Air Force Supervisor's Course (CD-ROM)

8 Modules on 1 CD-ROM: Activated Sep 98

Hours: Vol - 18 CE - 6

Points: Vol - 6 CE - 2

**Content:** This computer-based instruction provides an introduction to the fundamental principles and concepts of effective supervision. Some of the many topics that are discussed in this course include elements and types of communication, steps in the delegation process, theories on human needs and behavior, techniques for saving time, and guidelines for solving problems.

Module 1	Managing People
Module 2	Change & Conflicts
Module 3	Effective Communication
Module 4	Setting Objectives
Module 5	Motivation & Behavior
Module 6	Time Management
Module 7	Decision Making/Problem Solving
Module 8	Bibliography

**Computer System/Software minimum requirements:** IBM compatible computer with Pentium operating at least at 90 MHz, 16MB of RAM, Windows 95 or higher, a VGA monitor with a True Color (16 bit) capable video card, and a quad speed CD-ROM drive.

**Special Information:** This course must be completed within 6 months of enrollment data.

## Unit 6. Career Development Courses

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## **(1A) Aircrew Operations**

### **1A051—In-Flight Refueling Operator Journeyman**

2 Volumes: Activated Mar 97

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

**Content:** Volume 1 covers general areas of the job responsibility by giving important facts related to this career field ladder, history, safety, and publications. It also covers passenger handling, fleet service, border clearance, basic aerodynamics, and weight and balance. Volume 2 covers aircraft systems, cargo, and navigation.

### **1A151B—Helicopter Flight Engineer Journeyman**

4 Volumes: Activated May 97; Revised Feb 2000

Hours: Volumes - 72 CE - 18

Points: Volumes - 24 CE - 6

**Content:** Volume 1 contains information about career progression, the duties of a helicopter flight engineer, inspections, safety, flight management, Air Force publications, aircraft equipment records, and aircraft inspection. Volume 2 covers helicopter construction features, landing gear systems, auxiliary systems, and flight control systems (primary and automatic). Volume 3 discusses the power plants and related systems. Volume 4 gives an overview of several of the helicopter systems.

**1A151C—Flight Engineer Journeyman-Fixed Wing (Performance Qualified)**

5 Volumes: Activated Aug 94; Revised Aug 1999

Hours: Volumes - 87 CE - 21

Points: Volumes - 29 CE - 7

**Content:** Volume 1 contains information about responsibilities and duties as a flight engineer specialist. It also covers security, safety, publications, training, flight management, aircraft records, and aerospace ground equipment. Volume 2 discusses weight and balance and aircraft performance during all phases of flight. Volume 3 discusses aircraft inspections and emergency procedures, general aircraft system knowledge on ground handling, refueling, hydraulics, flight controls, landing gear, brake systems, and cargo doors/visor systems. Volume 4 covers the power plant systems (jet and propeller), bleed air, air-conditioning systems, and pressurization systems. Volume 5 covers aircraft systems and subsystems.

**1A251<sup>3/4</sup> Aircraft Loadmaster Journeyman**

2 Volumes: Activated Dec 95; Revised Feb 2000

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

**Content:** Volume 1 covers general areas with important facts related to career field ladder, publications, and documenting aircraft discrepancies; also, it covers more information on passenger/troop handling, fleet service, anti-hijacking, border clearance, and the Tanker Airlift Control Element. Volume 2 covers aircraft weight and balance, loading and unloading aircraft, air transportation of hazardous materials, and airdrop.

**1A351A—Airborne Communications Specialty Journeyman**

3 Volumes: Activated Jul 97

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

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**Content:** Volume 1 covers information used by all aircrew members ranging from security to airborne platforms. Volume 2 covers publications and general aircraft related information, and Volume 3 addresses voice and data operations.

**1A351B—Airborne Communications Specialty Journeyman**

3 Volumes: Activated Oct 97

Hours: Volumes - 69 CE - 18

Points: Volumes - 23 CE - 6

**Content:** Volume 1 covers basic electronic principles. Volume 2 covers communication principles, test equipment, and wiring diagrams. Volume 3 discusses specific communications and navigation equipment.

**1A451—Airborne Warning Command and Control Systems Journeyman**

2 Volumes: Rev May 97

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

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**Content:** Volume 1 covers general information, aerospace sensors, weather, operational procedures, electronic warfare, and safety. Volume 2 covers various communications systems, as well as command and control systems.

### **1A551—Airborne Mission Systems Journeyman**

6 Volumes: Activated Jan 97; Revised Aug 2000

Hours: Volumes - 132 CE - 33

Points: Volumes - 44 CE - 11

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**Content:** Volume 1 contains information about the history, functions and capabilities of the Airborne Warning and Control System (AWACS) and Joint Surveillance Target Attack Radar System (JSTARS). It also covers information on the 1A5X1 career field, publications and forms, operations/flight management, aircrew member responsibilities, and safety. Volumes 2 looks at the fundamental concepts of computers, radar/IFF and networks. Volume 3 discusses the E-3, AWACS, computer and display systems. Volumes 4 and 5 discuss the E-3's vast radar and IFF systems. Volume 6 covers the computer network and radar system of the E-8, JSTARS aircraft.

**Special Information:** CDC 1A551A is a mandatory prerequisite for enrollment in CDC 1A551B.

## **(1C) Command Control Systems Operations**

### **1C051—Airfield Management Journeyman**

4 Volumes: Activated Jan 95; Vol 1, Revised Dec 96; Vol 2, Revised Sep 97; Revised Jan 01

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7

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**Content:** Volume 1 covers the management of office publications, communications security (COMSEC) material, and flight information publications (FLIP). Volume 2 pertains to airfield design and management. Volume 3 pertains to flight planning displays, publications, and emergency actions. Volume 4 pertains to flight plans, NOTAMs, passenger processing, and flightline driving program.

### **1C052<sup>3/4</sup> Operations Resource Management Systems Journeyman**

5 Volumes: Revised Jan 98

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

**Content:** Volume 1 explains the Career Field Education and Training Package (CFETP); discusses the Status of Resources and Training System (SORTS) reporting system; looks at data processing from a user's standpoint; covers system management capabilities, policies, and procedures for maintaining AFORMS II; discusses the Privacy Act; and covers technical references of importance. Volumes 2A and 2B are devoted to reinforcing your basic knowledge of the Air Force policies, procedures, and programs used to manage flying personnel. Volume 3 covers Air Force policies, procedures, and programs used in training and scheduling aircrews. Volume 4 discusses the six AFORMS data base subsystems screens and reports.

### **1C071—Airfield Management Craftsman**

2 Volumes: Activated August 95; Revised Aug 1999

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers subjects that range from identifying the responsibilities of the subordinate airfield management support functions to the responsibilities of the organizations who support airfield management to provide safe flight service. Volume 2 covers subjects that range from airfield pavement design to ensuring personnel are qualified to drive on the flightline.

### **1C072¾ Operations Resource Management Systems Craftsman**

1 Volume: Activation Jul 96; Revised Jul 2000

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

**Content:** Unit 1 discusses operations security (OPSEC) in relation to AFSC 1C072; Unit 1 also includes the Privacy Act Program. Unit 2 addresses safety as it applies to your workcenter. Unit 3 covers Air Force Publications with a review of the Flight Information Publications (FLIPS) system. In Unit 4, we talk about data processing functions and data base management as it affects you. Finally, Unit 5 covers officer boards and reviews the requirements as they apply to each Aeronautical Rating Board (ARB) and Flight Evaluation Board (FEB).

### **1C251A—Combat Control Journeyman**

3 Volumes: Activated Oct 94; Revised Apr 2000

Hours: Volumes 33 - CE - 9

Points: Volumes 11 - CE - 3

***SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel***

**Content:** Volume 1 covers publications used by combat controllers, general flight rules, and aviation weather reports that are used in the United States. Volume 2 covers the different types of flight operations such as, traffic control responses to emergencies and specific emergency situations, VFR operations, and VFR departures. Volume 3 covers an in-depth coverage of IFR and radar operating procedures.

**1C251B—Combat Control Journeyman**

4 Volumes: Activated November 95; Revised Apr 2000

Hours: Volumes - 90 CE - 24

Points: Volumes - 30 CE - 8

***SALE RESTRICTED (FOR OFFICIAL USE ONLY) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1, *Individual Skills*, covers weapons usage and maintenance; demolitions and explosives; combat first aid; and knowledge of nuclear, biological, and chemical warfare. Volume 2 covers combat control operations including assault zones, small unit tactics, fire support, and intelligence. Volume 3 covers employment techniques and includes airborne, water, and surface operations. Volume 4 covers communications and includes radiotelephone procedures, field radio techniques, communications security, portable and vehicle mounted radios, navigational aids, and power sources.

**1C351—Command and Control Journeyman**

2 Volume: Revised June 98

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

***SALE RESTRICTED (FOR OFFICIAL USE ONLY) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1, covers command post training and administration, security procedures and concepts, and communications systems. Volume 2 begins with a review of command and control terms, procedures, and structures, followed by in-depth coverage of specific command posts functions.

**1C451—Tactical Air Command and Control Journeyman**

3 Volumes: Activated Aug 94; Volume 3 Added, Nov 95; Revised Mar 1999

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

***SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel***

**Content:** Volume 1 provides an introduction to Tactical Air Command and Control Specialist. It covers maps and compass, tactical communication, the Army signal operating instructions (SOI), and field radio techniques. Volume 2 covers combat Air Force, Theater Air Control System (TACS) organization, US Army organization and mission, weapons capabilities, theater air support, and artillery coordination. Volume 3 deals with the equipment used to accomplish the mission of a Tactical Air Command and Control Journeyman. It includes both communication and support equipment.

**1C551—Aerospace Control and Warning Systems Journeyman**

3 Volumes: Activated Oct 97; Revised Jan 2000

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4



***SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel***

**Content:** Volume 1 covers commands and alerting/reporting procedures; aerospace sensors concepts, types, and their components; types of weather and its effect on radar; different types of weather observations and related aviation routine weather reports; and communications systems and their many uses. Volume 2 introduces the different systems with which you may have an opportunity to work, and configurations and the positions that are available at those units. Volume 3 covers operational procedures for the 1C551 career field.

**1C651A<sup>3/4</sup>Space Systems Operations Journeyman**

2 Volumes: Activated May 1999

Hours: Volumes - 21 CE - 6

Points: Volumes - 7 CE - 2

***SALE RESTRICTED (Copyright material) Limited To DOD Personnel***

**Content:** Volume 1 discusses the way the 1C651 Air Force Specialty Code is devised, information contained in it, the responsibilities of the different skill levels, possible hazards, a brief history of the two principle spacelift ranges, duties that a space operator will encounter while performing spacelift range operations, the concepts of orbital mechanics, and the concepts involved in maneuvering a satellite in space. Volume 2 covers satellite design and the Air Force Space Command.

**Special Information:** CDCs 1C651A and 1C651B may be taken in any order.

**1C651B<sup>3/4</sup>Space Systems Operations Journeyman**

2 Volumes: Activated May 1999

Hours: Volumes - 21 CE - 6

Points: Volumes - 7 CE - 2

***SALE RESTRICTED (Copyright material) Limited To DOD Personnel***

**Content:** Volume 1 covers the Missile Warning aspect, the Space Based missile warning assets and the Ground Based portion of missile warning. Volume 2 discusses the overall organizational structure of Space Command.

**Special Information:** CDCs 1C651A and 1C651B may be taken in any order.

**27131—Airfield Management Apprentice**

1 Volume: Revised Jan 1992

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** This course consists of one volume of general information about the duties in airfield management. It provides information on airfield management, aircraft and airspace, flight data, show and tell, and miscellaneous flight data information.

## **(1N) Intelligence**

### **1N051<sup>3/4</sup> Intelligence Applications Journeyman**

6 Volumes: Activated Mar 97; Revised Nov 1999

Hours: Volumes - 123 CE - 30

Points: Volumes - 41 CE - 10

***SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel***

**Content:** Volume 1 is an introduction into intelligence duties and related intelligence specialties. Volume 2 covers the different ways intelligence provide support to operations. Volume 3 discusses the different target materials available. Volume 4 covers targeting and mission planning. Volume 5 covers the different sensor systems and the way to exploit imagery. Volume 6 discusses military theory and force employment doctrine.

### **1N071<sup>3/4</sup> Intelligence Applications Craftsman**

3 Volumes: Activated Aug 96

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

***SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel***

**Content:** Volume 1 covers the different subjects that apply to various applications of intelligence. Volume 2 deals with military theory and force applications. Volume 3 covers mission planning and targeting.

### **1N151<sup>3/4</sup> Imagery Analysis Journeyman**

5 Volumes and 2 classified supplements: Revised Jan 98

Hours: Volumes - 117 CE - 33

Points: Volumes - 39 CE - 11

***NOT FOR SALE (CLASSIFIED MATERIAL)***

**Content:** Volume 1 reinforces the intelligence fundamentals learned in the three-level course. Volume 2 covers maps, charts, target materials and the geographical considerations of the MAJCOMS. Volume 3 provides information on the principles of imaging mediums, sensors, and reconnaissance platforms (this volume has a classified supplement). Volume 4 covers mission planning, intelligence data handling systems, softcopy imagery manipulation, and report writing (this volume also has a classified supplement). Volume 5 presents imagery analysis techniques used to identify airfields, transportation networks, military installations, electronics installations, offensive and defensive missile systems, industrial installations, and battle damage assessment.

**Special Information:** Questions concerning course content or material should be addressed to the 315 TRS/DOED, 154 Canberra Street, Goodfellow AFB, TX 76908-4001 (Attn: 1N151 CDC Developer) or by calling DSN 477-5612 (0800-

1600 CST). ENSURE CLASSIFIED QUERIES AND COMMENTS RELATING TO CLASSIFIED SUBJECTS REMAIN WITHIN APPROPRIATE SECURITY CHANNELS. Classification of this CDC is SECRET—not releasable to Foreign Nationals. (NOTE: Only the supplements to Volumes 3 and 4 are classified, all other material is FOR OFFICIAL USE ONLY.)

**Prerequisites for enrollment:** (1) Anyone in the 1NXXX (20XXX) career ladder structure. (2) This CDC is mandatory for personnel in upgrade training to the 1N151 AFSC. (3) SECRET security clearance. (4) Working in an area accredited for storage of SECRET Norform materials. The classified supplements for this course are unit property and must be returned to the unit upon completion of the course. The Unclassified FOUO volumes are individual issue and may be retained by the individual upon completion of the course.

### **1N171—Imagery Analyst Craftsman**

2 Volumes: Activated Aug 97

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

**NOT FOR SALE (CLASSIFIED MATERIAL)**

**Content:** Volume 1 discusses the duties of the imagery analysts and their relationship with the other intelligence fields, the intelligence cycle, the intelligence community, joint operations intelligence, and the development of operations plans. Volume 2 addresses the various reconnaissance systems, the dissemination of imagery products, the DOD communications system, mission support, and battle damage assessment.

**Special Instructions :** All queries or comments pertaining to enrollment or test administration should be addressed to Extension Course Institute (OAS/EIOI), 50 South Turner Blvd, Maxwell AFB, Gunter Annex, AL 36118-5643. Questions concerning course content or material should be addressed to 315 TRS/DOED, 154 Canberra St, Goodfellow AFB, TX 76908-4001 (Attn 1N1X1 CDC Manager). ENSURE THAT CLASSIFIED QUERIES AND COMMENTS RELATING TO CLASSIFIED SUBJECTS REMAIN IN THE APPROPRIATE SECURITY CHANNELS.

**Volume 2 of this CDC and the CE are classified SECRET.**

**Prerequisites for enrollment:** (1) This CDC is mandatory for personnel in upgrade training to the 1N171 skill level. (2) Anyone in the 1NXXX career ladder structure. (3) SECRET security clearance. (4) Working in an area accredited for storage of SECRET materials.

### **1N251—Signals Intelligence Production Journeyman (Cryptologic)**

2 Volumes: Revised Aug 98

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

***NOT FOR SALE (CLASSIFIED MATERIAL)***

**Content:** This course contains 2 volumes. Volume 1 covers Security, Intelligence Community, Operations Management and Support, Communication Identification, and COPES and File Processing. Volume 2 explains Principles of Radio Wave Propagation and Signal Classification, Radio Signal Collection, Telecommunications, and Intelligence Production. There are self-test questions at the end of each chapter and a volume review exercise at the end of each volume.

**Special Information:** All queries or comments pertaining to enrollment or test administration should be addressed to Extension Course Institute (OAS/EIOI), 50 South Turner Blvd, Maxwell AFB—Gunter Annex AL 36118-5643. Questions concerning course content or materials should be addressed to the 312 TRS/DOCXC, 156 Maurader St. Goodfellow AFB, TX 76908-4113. Ensure that CLASSIFIED queries and comments or those relating to CLASSIFIED subjects remain in appropriate security channels.

Classification of this CDC is TOP SECRET-SPECIAL INTELLIGENCE.

**Prerequisites for Enrollment:** (1) PAFSC of 1N2X1 (2) TOP SECRET SCI security clearance. (3) Working in an area accredited for handling and storage of TOP SECRET SCI material. (4) This CDC is mandatory for personnel in upgrade training to 1N251 AFSC.

The study volumes for this course are not individual issue but are unit property and must be returned to the unit upon course completion.

**1N271—Signals Intelligence Production Craftsman (Cryptologic)**

1 Volume: Activated Apr 96

Hours: Volume - 27 CE - 9

Points: Volume - 9 CE - 3

***NOT FOR SALE (CLASSIFIED MATERIAL)***

**Content:** This course contains 1 volume. This volume covers National Intelligence Community, United States SIGINT System, SIGINT Support to Joint Operations, SIGINT Sites and Functions, Operations Management and Support, Satellites, Mobile and Airborne Systems Capabilities, and CRITIC Reporting. There are self-test questions at the end of each chapter and a volume review exercise at the end of each volume.

**Special Information:** All queries or comments pertaining to enrollment or test administration should be addressed to Extension Course Institute (OAS/EIOI), 50 South Turner Blvd, Maxwell AFB—Gunter Annex AL 36118-5643. Questions concerning course content or materials should be addressed to the 316 TRS/DOCEC, 259 Ft Griffin Ave., Goodfellow AFB, TX 76908-3402. Ensure that CLASSIFIED queries and comments or those relating to CLASSIFIED subjects remain in appropriate security channels. Classification of this CDC is SECRET-CONTAINS SPECIAL INTELLIGENCE.

**Prerequisites for Enrollment:** (1) PAFSC of 1N2X1 (2) TOP SECRET SCI security clearance. (3) Working in an area accredited for handling and storage of TOP SECRET SCI material. (4) This CDC is mandatory for personnel in upgrade training to 1N271 AFSC.

The study volume for this course is not individual issue but is unit property and must be returned to the unit upon course completion.

### **1N35XX<sup>3/4</sup> Cryptologic Linguist Journeyman**

2 Volumes: Revised June 98; Revised Jan 1999

Hours: Volumes - 51 CE - 18

Points: Volumes - 17 CE - 6

**NOT FOR SALE (CLASSIFIED MATERIAL)**

**Content:** Volume 1 covers the national intelligence structure, the signals intelligence community, and security. Volume 2 covers the fundamentals of communications, traffic analysis, and advisory support.

**Special Information:** All queries or comments pertaining to enrollment or test administration should be addressed to ECI/EDO, 50 South Turner Blvd, Maxwell AFB, Gunter Annex, AL 36118-5643. Questions concerning course content or materials should be addressed to 316 TRS/DODE, 156 Marauder Street, Goodfellow AFB, TX 76908-3402.

**Prerequisites for enrollment:** PAFSC of 1N33XX, a TS/SCI security clearance, and SCI storage capability.

### **1N37XX<sup>3/4</sup> Cryptologic Linguist Craftsman**

1 Volume: Revised July 1998; Revised Feb 1999

Hours: Volumes - 27 CE - 9

Points: Volumes - 9 CE - 3

**NOT FOR SALE (CLASSIFIED MATERIAL)**

**Content:** The course covers the Air Force intelligence structure, information operations, resource management, and signals intelligence reporting.

**Special Information:** All queries or comments pertaining to enrollment or test administration should be addressed to ECI/EDO, 50 South Turner Blvd, Maxwell AFB, Gunter Annex, AL 36118-5643. Questions concerning course content or materials should be addressed to 316 TRS/DODE, 156 Marauder Street, Goodfellow AFB, TX 76908-3402.

**Prerequisites for enrollment:** PAFSC of 1N35XX (see note 1), a TS/SCI security clearance, and SCI storage capability.

**Note 1:** SSgt or above that has completed 7-level CDC for AFSC 1N2, 1N4, or 1N5; and has completed a 1N33XX apprentice course will satisfy the 1N35XX requirement.

### **1N451<sup>3/4</sup> Signals Intelligence Analysis Journeyman**

2 Volumes: Activated Jul 96; Revised Jun 1999

Hours: Volumes - 81 CE - 12

Points: Volumes - 27 CE - 4

***NOT FOR SALE (CLASSIFIED MATERIAL)***

**Content:** Volume 1 covers national intelligence structure, United States Cryptologic Service (USCS), security, intelligence operations, electronic intelligence, weapons systems and functions, and blue forces organizations. Volume 2 covers communications methods and modes, computers, SIGINT reporting, advisory support, and collection management.

**Special Information:** Classification of this CDC is SECRET-CONTAINS SENSITIVE COMPARTMENTED INFORMATION. All queries or comments pertaining to enrollment or test administration should be addressed to Extension Course Institute (OAS/EIOI), 50 South Turner Blvd, Maxwell AFB, Gunter Annex, AL 36118-5643. Questions concerning course content or materials should be addressed to 316 TRS/DOCEC, 156 Marauder St., Suite B, Goodfellow AFB, TX 76908-3402. Ensure that CLASSIFIED queries and comments or those related to CLASSIFIED subjects remain in appropriate security channels.

**Prerequisites for Enrollment:** (1) PAFSC of 1N251, 1N351, and 1N451. (2) TOP SECRET SCI security clearance. (3) Working in an accredited area for storage and handling of TOP SECRET SCI material. (4) This CDC is mandatory for upgrade to the 5-skill level.

Hardcopy study volumes for this course are not individual issue but are unit property and must be returned to the unit upon course completion. Electronically distributed copies are available on NSANet and Intelink.

### **1N551—Electronic Signals Intelligence Exploitation Journeyman**

4 Volumes: Activated Sep 94; Revised May 1999

Hours: Volumes - 69CE - 18

Points: Volumes - 23 CE - 6

***NOT FOR SALE (CLASSIFIED MATERIAL)***

**Content:** Volume 1 includes the intelligence disciplines, intelligence organizations and their missions, tasking authority, and support to military operations. Volume 2 covers mathematics, basic waveform analysis, electromagnetic energy, antennas, propagation, pulse analysis, and modulation and its applications. Volume 3 presents ELINT equipment, radar operation and processing fundamentals, radar parameters and characteristics, radar applications, collection, digital processing, and orbital mechanics. Volume 4 includes electronic combat operations and platforms, computer principles and applications, and data bases and support documents.

**Special Information:** Volume 1 and 2 contain SECRET NOFORN information. All queries or comments pertaining to enrollment or test administration should be addressed to: ECI/EDEOI, 50 South Turner Blvd, Maxwell AFB, Gunter Annex, AL 36118-5643. Questions concerning course content or material should be addressed to the 316

TRS/DOCEC, 156 Marauder St., Suite B, Goodfellow AFB, TX 76908-3402. Ensure that CLASSIFIED queries and comments or those relating to CLASSIFIED subjects remain in appropriate security channels. CLASSIFICATION of this CDC is SECRET/NOFORN.

**Requirements for Successful Completion:** A minimum score of 65 percent on CE 1N551.

**Prerequisite for Enrollment:** (1) Anyone with a PAFSC in the 1N551 career ladder structure. (2) SECRET security clearance. (3) Working in an area accredited for storage and handling of SECRET material. The study volumes for this course are considered to be classified working papers once an individual completes the course and must be protected as such. When personnel who are in mandatory upgrade training depart the unit, the classified study volumes will be shipped to their gaining unit in accordance with approved shipping procedures.

### **1N571<sup>3/4</sup> Electronic Signals Intelligence Exploitation Craftsman**

4 Volumes and 1 supplement: Activated August 96

Hours: Volumes - 99 CE - 27

Points: Volumes - 33 CE - 9

***NOT FOR SALE (CLASSIFIED MATERIAL)***

**Content:** Volume 1 covers intelligence organization and function, types and components of intelligence, purposes and principles of intelligence, and the Unmanned Aerial Vehicle Program Plan. Volume 2 contains information on SIGINT mathematics, multiplexing, and spread spectrum. Volume 3 includes advanced radar techniques, statistics and probability, national data bases, and collection management. Volume 4 covers space operations.

**Special Information:** Volume 4 contains SECRET information and the supplement contains SECRET NOFORM information. All queries or comments pertaining to enrollment or test administration should be addressed to Extension Course Institute (OAS/EIOI), 50 South Turner Blvd, Maxwell AFB-Gunter Annex AL 36118-5643. Questions concerning course content or material should be addressed to 315 TRS/DOED, 154 Canberra Street, Goodfellow AFB TX 76908-4002. Ensure that classified queries or comments relating to classified subjects remain in appropriate security channels.

**Prerequisites for Enrollment:** (1) This CDC is mandatory for personnel in upgrade training to 1N571 AFSC. (2) SECRET NOFORM security clearance. (3) Working in an accredited area for storage and handling of SECRET NOFORM material. The Study Volumes and Supplement for this course are not individual issue but are the property of the unit and must be returned to the unit upon completion of the course. When personnel who are in mandatory upgrade training depart the unit, the Study Volumes and Supplement they were issued must be returned to the losing unit. New course material will be issued to them by their gaining unit upon arrival at their new duty station.

### **1N651—Electronic Systems Security Assessment Journeyman**

2 Volumes: Rev Apr 1997; Revised May 1999

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

**NOT FOR SALE (Copyright Material)**

**Content:** Volume 1 covers security, USAF operations, and Air Traffic Control.

Volume 2 covers radio fundamentals, computer fundamentals, command and control (C<sup>2</sup>); and command, control, communications, and computer (C<sup>4</sup>) systems. **Special**

**Information:** This CDC is managed and distributed by the 316<sup>th</sup> Training Squadron, Goodfellow AFB, Texas. Questions or comments concerning course materials should be addressed to the 316 TRS/DOCEC, 259 Fort Griffin Avenue, Goodfellow AFB, TX 76908-3402. Questions concerning enrollments should be addressed to Extension Course Institute (OAS/EIOI), 50 South Turner Blvd, Maxwell AFB-Gunter Annex, AL 36118-5643.

**Prerequisites for Enrollment:** (1) PAFSC of 1N2X1, 1N3X1, 1N4X1 and IN6X1.

### **1N671—Electronic Systems Security Assessment Craftsman**

1 Volume: Revised Aug 97; Revised Apr 1999

Hours: Volume - 42 CE - 12

Points: Volume - 14 CE - 4

**NOT FOR SALE (CLASSIFIED MATERIAL)**

**Content:** This course provides a brief introduction to the United States (US) national intelligence systems; 1NXXX career fields; and command, control, communications, and computers (C4) of the United States Air Forces. It also covers US communications vulnerabilities, the current threat, and telecommunications monitoring assessment operations.

**Special Information:** All queries or comments pertaining to enrollment or test administration should be addressed to ECI/EDO, 50 South Turner Blvd, Maxwell AFB, Gunter Annex, AL 36118-5643. Questions concerning course content or materials should be addressed to 316 TRS/DOBE, 156 Marauder Street, Goodfellow AFB, TX 76908-3402.

**Prerequisites for Enrollment:** PAFSC of 1N251, 1N351, 1N451 or IN651; a SECRET clearance; and storage capability for SECRET NOFORN information.

## **(1S) Safety**

### **1S051—Safety Journeyman**

5 Volumes: Activated Dec 1994; Revised Oct 1999

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7



***SALE RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 covers the history of the safety movement in this country as it progressed from the 1800's to OSHA today and how the Air Force fits in. Volume 2 covers environmental considerations of the workplace and general safety requirements. Volume 3 covers aspects of electricity, chemical pressure systems construction to enhance one's knowledge with more common areas of the safety career field. Volume 4 covers weapons areas, flightline activities, industrial shops found throughout an installation, and food service operations. Volume 5 covers inspections and staff assistance visits, mishaps investigations, and trend analysis programs.

**(1T) Aircrew Protection****1T051<sup>3/4</sup> Survival, Evasion, Resistance, and Escape (SERE) Training Instructor Journeyman**

5 Volumes: Activated Oct 1996

Hours: Volumes - 87 CE - 21

Points: Volumes - 29 CE - 7

***SALE RESTRICTED (COPYRIGHT MATERIAL & FOR OFFICIAL USE ONLY ) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1, *Introduction to Survival*, pertains to survival in various environmental, psychological, and medical conditions. Volume 2 provides an in-depth look at many of the world's environments and their local specifics. Volume 3 covers the duties, responsibilities, and techniques for teaching and evaluating students in regard to their evasion and resistance skills. Volume 4 provides skills and techniques used to evaluate, counsel, and provide feedback to the students. Volume 5 covers general responsibilities, survival training resource management, and additional training factors.

**1T151—Aircrew Life Support Journeyman**

3 Volumes: Activated Mar 95; Volume 3 Revised Only, Jan 97

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

**Content:** Volume 1 covers aircrew life support mission and function. It also covers safety, supply discipline, technical publications, and aircrew continuation training. Volume 2 covers aircrew personal equipment. Volume 3 covers ditching, crashlanding, bailout procedures, and survival equipment.

**1T171—Aircrew Life Support Craftsman**

1 Volume: Revised Apr 97

Hours: Volume - 18 CE - 6

Points: Volume - 6 CE - 2

**Content:** This course covers the responsibilities and duties of an aircrew life support craftsman.

### **1T251A—USAF Pararescue Journeyman**

5 Volumes: Activated May 97

Hours: Volume - 117 CE - 30

Points: Volume - 39 CE - 10

***SALES RESTRICTED (FOR OFFICIAL USE ONLY) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 provides general information about responsibilities and duties of the Pararescueman. Volume 2 explains pararescue operational command and control, general team leader and team member responsibilities, and the basics of pararescue assisted evasion. Volume 3 presents information about field communications from the view of the operational team. A brief introduction to survival, evasion, resistance, and escape is presented in this volume, along with an introduction to prisoner of war operations. Volume 4 contains descriptions of tactical team member duties and responsibilities, basic and advanced concepts of cover and concealment, and the fundamentals of tactical movement from the individual and team perspectives. It also covers the fundamentals of mantracking. Volume 5 examines land party search, introduction to Pararescue weapons and their employment, and combat support.

**Special Information:** CDC 1T251A is a mandatory prerequisite for CDCs 1T251B/C.

### **1T251B—Pararescue Journeyman**

3 Volumes: Activated June 98

Hours: Volume - 57 CE - 15

Points: Volume - 19 CE - 5

***SALES RESTRICTED (FOR OFFICIAL USE ONLY) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 provides general flight information and specific operations to include parachute, jumpmaster, and aerial cargo delivery. Volume 2 covers Pararescue specific operations, insertion operations (excluding parachute), and extraction operations. Volume 3 discusses the general characteristics of maritime operations, small water-craft operations, and both combat swimmer and dive operations.

**Special Information:** CDC 1T251A is a mandatory prerequisite for CDCs 1T251B/C.

### **1T251C—USAF Pararescue Journeyman**

3 Volumes: Activated Oct 98

Hours: Volume - 51 CE - 12

Points: Volume - 17 CE - 4

***SALES RESTRICTED (FOR OFFICIAL USE ONLY) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 discusses rescue equipment, climbing fundamentals, and specific rescue systems used to recover survivors. Volume 2 covers the world environment and

weather as well as discusses survival consideration for each specific environment. Volume 3 covers coordinate systems, specific navigation equipment, and operational navigation principles and techniques.

**Special Information:** CDC 1T251A is a mandatory prerequisite for CDCs 1T251B/C.

## (1W) Weather

### 1W051A<sup>3/4</sup> Weather Journeyman

3 Volumes: Activated Jan 96; Volume 2 Revised Only, Jan 97; Volume 1 Revised Only, Jun 2000

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

**SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL**

**Content:** This CDC offers the additional theory and information necessary to complement the OJT process leading to upgrade to AFSC 1W051. It enlarges and expands the training received in the 1W031 resident course. The 1W051 CDC is broken down into two courses. This first course contains three volumes: Volume 1, *Background Information*; Volume 2, *Surface Weather Observations*; and Volume 3, *Tactical and Radio-Communications Equipment*.

**Special Information:** CDC 1W051A is a mandatory prerequisite for CDC 1W051B.

### 1W051B<sup>3/4</sup> Weather Journeyman

3 Volumes: Activated Feb 96

Hours: Volumes - 69 CE - 18

Points: Volumes - 23 CE - 6

**SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL**

**Content:** Volume 1, *Using Climatology and Limited Data*, explains the importance of climatology and limited data and how they can enhance the weather journeyman's mission support. Volume 2, *General Meteorology*, includes information on atmospheric physics, the atmosphere in general, and synoptic scale systems. Volume 3, *Analysis Procedures*, includes analysis information about surface, upper-air, and Skew-T products.

**Special Information:** CDC 1W051A is a mandatory prerequisite for CDC 1W051B.

### 1W051C<sup>3/4</sup> Weather Journeyman

3 Volumes: Activated Jan 2000

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

**SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL**

**Content:** Volume 1 covers Air Force Weather (AFW) history and concepts, the Air Force Weather Agency mission and organization, evaluating surface weather

observations, sky condition and visibility, and atmospheric conditions. Volume 2 discusses climatological terms, climate controls, world weather regimes, the different kinds of climatological data, and temperature parameter extremes. Volume 3 covers the composition of the atmosphere, general circulation and structure and dynamics of the jet stream, airmasses and cloud dynamics, atmospheric motions, pressure systems and fronts, and electro-optics.

**Special Information:** CDC 1W051C is a mandatory prerequisite for CDC 1W051D.

### **1W051D<sup>3/4</sup> Weather Journeyman**

3 Volumes: Activated Mar 2000

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

***SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 discusses atmospheric stability, severe weather, stages of thunderstorm and tornado development, air masses, synoptic patterns, and tropical cyclones. Volume 2 covers forecasting surface weather elements, clouds, precipitation, visibility, wind, temperature, and pressure. It also covers flight level hazards. Volume 3 discusses atmospheric parameters, various tools used in forecasting, and products that assist the forecaster.

**Special Information:** CDC 1W051C is a mandatory prerequisite for CDC 1W051D.

### **1W051E<sup>3/4</sup> Weather Journeyman**

3 Volumes: Activated Jul 2000

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

***SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 deals with weather regimes and forecast reviews, studies, and seminars. Volume 2 covers conventional radar principles, Doppler radar principles, and the WSR-88D system. Volume 3 describes the base products and derived products that the WSR-88D produces.

**Special Information:** CDCs 1W051C/D are mandatory prerequisites for CDC 1W051E.

### **1W051F<sup>3/4</sup> Weather Journeyman**

1 Volume: Activated Sep 2000

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

***SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1

**Special Information:** CDCs 1W051C/D/E are mandatory prerequisites for CDC 1W051F.

## (2A) Manned Aerospace Maintenance

### 02A42—Aircraft Communication/Navigation Systems

1 Volume: Activated Dec 1999

Hours: Volume - 18 CE - 6

Points: Volume - 6 CE - 2

**SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel**

**Content:** This one volume course covers the Airborne Performance Monitor, Communications Patching Facility, Test Facilities, Secure Voice Switching, Message Processing System, Manual Telephone Switching Set, and the Milstar Satcom System.

### 2AX7X—Aerospace Maintenance Craftsman

2 Volumes: Activated Apr 98

Hours: Volume - 42 CE - 12

Points: Volume - 14 CE - 4

**Content:** Volume 1 covers management and mobility; operational risk management and safety; enlisted specialty training; and maintenance management information systems and accountability for records, reports, and forms. Volume 2 deals with the concept of the Air Force supply system, supply documents, how to management equipment accounts, and repair cycle assets.

### 2A051—Avionics Test Station and Aircraft Component Journeyman

3 Volumes: Activated May 1994; Revised Jun 1999

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 covers general aircraft system and test station principles. Volume 2 covers the basic building blocks of electronics, ranging from diode to transistor circuits. Volume 3 pertains to aircraft system and test station principles.

**Special Information:** CDC 2A051 and CDCs 2A051A/B are mandatory for upgrade training. They may be taken in any order.

### 2A051A—F-15 Avionics Test Station and Component Journeyman

2 Volumes: Activated Dec 1994; Revised Nov 1999

Hours: Volumes - 21 CE - 6

Points: Volumes - 7 CE - 2

**Content:** Volume 1 covers F-15 software systems program organization identification and their relationship to avionics intermediate shop/replacement AIS/R software. Volume 2 covers career field principles and equipment used in this field.

**Special Information:** CDC 2A051 and CDCs 2A051A/B are mandatory for upgrade training. They may be taken in any order. CDC 2AX7X is a requirement for upgrade training.

**2A051B<sup>3/4</sup> Avionics Test Station and Aircraft Component Journeyman**

6 Volumes: Activated June 1995; Revised Feb 2000

Hours: Volumes - 96 CE - 24

Points: Volumes - 32 CE - 8

**Content:** Volume 1 consists of five units covering basic configuration of a F-16 C/D test station and its power and cooling systems, the theory of operation of the computer subsystem, and various associated test procedures. Volume 1 also covers the switching unit measurement and stimulus system (SUMSS) and related software, as well as the support equipment for the F-16 AIS, the EPROM Programmer/Verifier, EPROM Programmer/Verifier ITA, and the Memory Loader-verifier (MLV). Volumes 2 and 3 continue with lessons on F-16 C/D equipment; and Volumes 4 and 5 continue with lessons on B-1B equipment. Volume 6 deals with the B-2 FACTS test station, the F-117 CATE test station, and the MATE software operating system.

**Special Information:** CDC 2A051 and CDCs 2A051A/B are mandatory for upgrade training. They may be taken in any order.

CDC 2AX7X is a requirement for upgrade training.

**2A151<sup>3/4</sup> Avionic Sensors Maintenance Journeyman**

5 Volumes: Activated Jan 96; Revised Oct 1999

Hours: Volumes - 102 CE - 27

Points: Volumes - 34 CE - 9

***SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel***

**Content:** Volume 1 contains information pertaining to safety and how you can cope with hazardous situations that are inherent to this career field; it also covers general maintenance concepts. Volume 2 covers maintenance procedures and care and use of equipment. Volume 3 provides lessons on sensor fundamentals, closed-circuit television, infrared, laser, radar, and environmental control systems. Volume 4 contains system-specific information pertaining to Pave Penny, Pave Tack, LANTIRN, cockpit television video system, and airborne videotape recorders. Volume 5 covers fundamentals on our special operations equipment, night vision goggles, Low Light Level TV, Special operations FLIR system, Reconnaissance systems on the U2-R, and IRADS on the F-117.

**Special Information:** Replaced CDC 45550.

**2A152A—Avionics Guidance and Control Systems Journeyman**

3 Volumes: Activated February 1995

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

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**Content:** Volume 1 contains information needed to perform in the avionics guidance control career field. Subject includes career ladder progression, maintenance safety, technical orders, supply discipline, inspection systems, and product improvement

program. Volume 2 contains basic circuits, inductive devices, motor generators, power supplies, transistor circuits, numbering systems, and computer circuits. Volume 3 contains the use of common hardware tools, repair of wires and cables, aircraft familiarization, air data and navigation fundamentals, use of equipment diagrams, and use of common test equipment.

### **2A152B—Avionics Guidance and Control Systems Journeyman**

3 Volumes: Activated Apr 1995

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

***SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel***

**Content:** Volume 1 includes principles related material designed to enhance your knowledge of the stability augmentation and the automatic flight control systems. Volume 2 includes principles related material designed to enhance your knowledge of all types of inertial navigation and fuel savings advisory systems. Volume 3 include operation of the attitude heading reference systems, which includes the aircraft compass system.

### **2A152C<sup>3</sup>/<sub>4</sub> Avionics Guidance and Control Systems Journeyman**

3 Volumes: Activated Dec 95

Hours: Volumes - 24 CE - 6

Points: Volumes - 8 CE - 2

***SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel***

**Content:** Volume 1 covers the landing gear, flap, and flight control trim position indicating systems; and temperature, tachometer, oil pressure, pressure ratio, and fuel flow engine indicating systems. Volume 2 covers the standard flight instrument systems, the altitude indicating systems, and the central air data computer systems. Volume 3 covers the ground proximity warning system, the stall warning system, the flight data recorder system, the heads-up display system, the TV monitor system, and the periscopic sextant system.

### **2A153A—Communication/Navigation Systems Journeyman**

4 Volumes: Activated Mar 1995

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

**Content:** Volume 1 addresses the administrative and nonelectric technical information you will need to become an avionics communication/navigation journeyman. Volume 2 addresses maintenance concepts and fundamentals of maintenance management. Volume 3 addresses electronic fundamentals applicable to basic calculations involving resistive circuits. Volume 4 addresses the solid state circuits and digital techniques encountered on the job.

**Special Information:** Active Duty Air Force, ANG, and Reserve personnel in the 2A153 AFSC are eligible to enroll in multiple courses simultaneously.

### **2A153F<sup>3</sup>/<sub>4</sub> Communication/Navigation Systems Journeyman**

1 Volume: Activated Dec 95

Hours: Volume - 18 CE - 6

Points: Volume - 6 CE - 2

**Content:** This volume introduces you to the purpose, characteristics, and theory of operation of the self-contained navigation system.

**Special Information:** Active Duty Air Force, ANG, and Reserve personnel in the 2A153 AFSC are eligible to enroll in multiple courses simultaneously.

### **2A154A<sup>3</sup>/<sub>4</sub> Airborne Warning and Control Radar Systems Journeyman**

4 Volumes: Activated Jan 96

Hours: Volumes - 87 CE - 21

Points: Volumes - 29 CE - 7

**Content:** Volume 1 deals with AF publications, maintenance management, material management, maintenance data collection, and maintenance documentation. Volume 2 is an extensive volume with information on general shop and flightline safety, environmental hazards, organizational security, electrostatic discharge control, corrosion control, maintenance inspections, and preventive maintenance. Volume 3 provides an introduction to using common test equipment and teaches how to use eight different pieces of general test equipment. Volume 4 is devoted to teaching basic electronic and radar fundamentals.

**Special Information:** CDC 2A154A is a mandatory prerequisite for enrollment in CDCs 2A154B/C.

### **2A154B<sup>3</sup>/<sub>4</sub> Airborne Warning and Control Radar/Interrogator Systems Journeyman**

4 Volumes: Activated Jan 96

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

**Content:** The first three volumes are devoted to the operation and maintenance of the AWACS surveillance radar system. Volume 4 describes the operation and maintenance of the AWACS Interrogator System.

**Special Information:** CDC 2A154A is a mandatory prerequisite for enrollment in CDC 2A154B.

### **2A154C<sup>3</sup>/<sub>4</sub> Joint Surveillance Target Attack Radar System Journeyman**

1 Volume: Activated Mar 98

Hours: Volumes - 15 CE - 3

Points: Volumes - 5 CE - 1



**Content:** This one volume course pertains to the theory of operation of the major subsystems of the Joint STARS Surveillance System and modes of operation of the E8 aircraft.

**Special Information:** CDC 2A154A is a mandatory prerequisite for enrollment in CDC 2A154C.

### **2A157A—Electronic Warfare Systems Journeyman**

3 Volumes: Revised Dec 98

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

**Content:** Volume 1 deals with technical orders (TOs), material management; terms and procedures for collecting and entering maintenance data into the maintenance data documentation (MDD) process; and forms you will use on the flight line or in the shop. Volume 2 covers safety, the mishap prevention program, and the composite tool kit management program. Volume 3 deals with soldering principles and techniques; the major types of inspection systems; and the principles of electrostatic discharge.

**Special Information:** CDC 2A157A is a mandatory prerequisite for enrollment in CDC 2A157B.

### **2A157B<sup>3/4</sup> Electronic Warfare Systems Journeyman**

2 Volumes: Revised Dec 98

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 covers the basics of electronic warfare (EW). Volume 2 covers test equipment and electronic principles.

### **2A173—Communications/Navigation Systems Craftsman**

3 Volumes: Activated Mar 1995

Hours: Volumes - 42 CE - 9

Points: Volumes - 14 CE - 3

**Content:** Volume 1 explores supervision, technical orders, files maintenance, principles of supply, and property management. Volume 2 explores aircraft avionics, troubleshooting, subjects with specific studies of aircraft interphone, and VOR/ILS systems. Volume 3 explores subjects that are related to off-equipment avionics troubleshooting, with emphasis on transponder search and weather radar systems.

**Special Information:** Active Duty Air Force, ANG, and Reserve personnel in the 2A153 AFSC are eligible to enroll in multiple courses simultaneously.

### **2A177—Electronic Warfare Systems Craftsman**

2 Volumes: Revised Feb 98

Hours: Volumes - 30 CE - 9

Points: Volumes - 10 CE - 3

**Content:** Volume 1 covers topics ranging from core values to computers. Volume 2 focuses on the supervisory aspects of your job covering maintenance inspections, management overviews of several receiver systems, transmitters, dispenser systems, and infrared systems.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

### **2A252B—Electronic Warfare Systems Journeyman**

3 Volumes: Activated Dec 1993

Hours: Volumes - 108 CE - 27

Points: Volumes - 36 CE - 9

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**Content:** Volume 1 covers electronic fundamentals and introduces some concepts in advanced avionics. This volume is devoted to a study of analog devices and circuits. Volume 2 explores the newer side of digital avionics. Volume 3 is the final volume of the B Course and is devoted entirely to teaching the principles of electronic warfare and electronic warfare equipment.

### **2A351—F-15 Avionic Systems Journeyman**

3 Volumes: Activated June 98

Hours: Volumes - 42 CE - 18

Points: Volumes - 12 CE - 4

**Content:** Volume 1 covers subjects ranging from a general overview of the F-15 aircraft to the AFOSH program, flightline safety, specific hazards associated with the aircraft, tools, hardware and test equipment. Volume 2 discusses maintenance and management technical orders and the numbering system used to identify them, materiel management, supplies, equipment accounting, the USAF material deficiency reporting system and aircraft forms, and the Core Automated Maintenance System (CAMS). Volume 3 contains information on basic electronics and computer terms.

**Special Information:** CDC 2A351 and CDCs 2A351A/B/C are mandatory for upgrade training. They may be taken in any order.

### **2A351A—F-15 Avionic Attack Control Systems Journeyman and Craftsman**

3 Volumes: Activated Jun 95; Revised Aug 1999; Revised Jan 2000

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

**Content:** Volume 1 covers central computer, inertial navigation, display, and video recording systems. Volume 2 covers the F-15 radar. Volume 3 covers the F-15 terrain following radar system.

**Special Information:** CDC 2A351 and CDCs 2A351A/B/C are mandatory for upgrade training. They may be taken in any order.

### **2A351B—F-15 Instrument and Flight Control Systems Journeyman**

3 Volumes: Activated Jan 1994; Revised May 1999

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

**Content:** Volume 1 covers F-15 aircraft indicators. Volume 2 covers the general theory of navigational principles, F-15 attitude heading reference system, HSI system and standby navigational instruments, and flight instruments. Volume 3 covers F-15 flight control, trim, and miscellaneous systems.

**Special Information:** CDC 2A351 and CDCs 2A351A/B/C are mandatory for upgrade training. They may be taken in any order.

### **2A351C<sup>3</sup>/<sub>4</sub> F-15/F-111 Communication, Navigation and Penetration Aids Systems Journeyman**

4 Volumes: Activated June 1995

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7

**Content:** Volume 1 covers the communication systems found on the F-15 and F-111 aircraft; and Volume 2 covers navigation and identification systems. Volume 3 pertains to the F-15 and F-111 penetration air systems. Finally, Volume 4 covers the EF-111A electronic countermeasures, F-15 and F-111 interference blanking system, electronic warning warfare system, and the data link system.

**Special Information:** CDC 2A351 and CDCs 2A351A/B/C are mandatory for upgrade training. They may be taken in any order.

### **2A352A—Integrated Avionic Attack Control System Journeyman**

4 Volumes: Activated August 96

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

**Content:** Volume 1 covers an introduction to the F-16 aircraft along with discussions of the general avionic computer and head-down displays. Volume 2 includes the head-up display, mode of operation, and data transfer equipment. Volume 3 covers the inertial navigation system, GPS, LANTIRN, and stores management system. Volume 4 covers principles of radar operation and F-16 radar systems; the F-16 fire control sensing; integration and troubleshooting procedures and boresighting; and the airborne video tape recorder system.

### **2A352B<sup>3</sup>/<sub>4</sub> Integrated Avionic Instrument and Flight Control Systems Journeyman**

2 Volumes: Activated October 1996

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 provides knowledge needed to progress in this career field. It covers F-16 instruments, autopilot, and air data systems. Volume 2 covers the F-16's flight control systems—both digital and conventional.

**2A352C—Communication, Navigation and Penetration Aids Systems****Journeyman**

4 Volumes: Activated Mar 96

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

**Content:** Volume 1 covers audio signals, communications system, and interphone system. Volume 2 covers UHF radio system, VHF radio system, and secure voice system. Volume 3 covers the navigation system. Volume 4 discusses the aircraft identification and penetration aids systems on the F-16 aircraft.

**2A352D—Integrated Organizational Avionic System (F-16/F-117/CV-22)****Journeyman**

2 Volumes: Activated Jul 1999

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

**Content:** Volume 1 covers general subjects related to F-16 avionics. Volume 2 covers the maintenance management and inspection systems, corrosion control, and chafing. It also contains electronic fundamentals and applications.

**Special Information:** CDCs 2A352D/E/F are mandatory for upgrade training. They may be taken in any order.

**2A352E—Integrated Avionic Systems Journeyman**

4 Volumes: Activated Sep 1999

Hours: Volumes - 54 CE - 14

Points: Volumes - 18 CE - 4

**Content:** Volume 1 covers system specific subjects related to F-16 and F-117 avionics such as Fire Control computers and the F-16 C/D Stores Management System (SMS) and Aircraft Displays. Volume 2 covers radar facts and fire control radar facts and terms from F-16 and F-117 aircraft; the F-16 fire control radar system; the integration and troubleshooting procedures; and the F-117 digital tactical situation display (DTSD) and infrared acquisition/designation (IRAD) systems. Volume 3 covers communication, navigation, and associate equipment. Volume 4 covers the Head-Up display and Up-Front control system; the external equipment for the F-16; and the related equipment for the F-16.

**Special Information:** CDCs 2A352D/E/F are mandatory for upgrade training. They may be taken in any order.

**2A352F—Integrated Avionic Systems (F-16/F-117/CV-22) Journeyman**

3 Volumes: Activated Feb 2000

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

**Content:** Volume 1 covers systems used to enable an aircraft's operation in a hostile environment. Volume 2 discusses the various aircraft indicating systems. Volume 3 contains information on flight control, flight environment, and flight monitoring systems.

**Special Information:** CDCs 2A352D/E/F are mandatory for upgrade training. They may be taken in any order.

### **2A353—Tactical Aircraft Maintenance Journeyman**

3 Volumes: Activated Nov 1994

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

**Content:** Volume 1 contains information on ground safety, flightline safety, the technical order system, maintenance management, and ground handling. Volume 2 contains information about aerospace ground equipment, airframe, pneudraulics, landing gear, and flight control. Volume 3 contains general information about engines, utilities, fuels, and electrical systems.

### **2A353A—F-15 Aircraft Maintenance Journeyman**

3 Volumes: Activated Aug 1999

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

**Content:** Volume 1 covers safety, maintenance management, training documents, incident investigation, maintenance accountability, the supply system, technical orders, aircraft forms documentation, maintenance materials, special tools, aerospace ground equipment, ground handling, aircraft inspections, and corrosion control. Volume 2 contains general theory of operation and F-15 specific information about various aircraft systems including airframe, flight control, hydraulic, electrical, landing gear and fuel systems. Volume 3 contains general theory of operation and F-15 specific information about various aircraft systems including utilities, canopy, engine, engine starting systems, and air induction systems.

### **2A353J—Fighter Aircraft Maintenance Journeyman (A-10/U-2)**

3 Volumes: Activated Mar 1999

Hours: Volumes - 69 CE - 18

Points: Volumes - 23 CE - 6

**Content:** Volume 1 covers safety, maintenance management, training documents, incident investigation, maintenance accountability, the supply system, technical orders, aircraft forms documentation, maintenance materials, special tools, aerospace ground equipment, ground handling, aircraft inspections, and corrosion control. Volume 2 contains general theory of operation information about various aircraft systems including electrical, hydraulic, airframe, flight control, landing gear, engine, and utility systems. Volume 3 covers the two airframes in this career field—the A-10 and the U-2.

### **2A373A—Fighter Aircraft Maintenance Craftsman (F-15)**

3 Volumes: Activated Feb 96; Revised Jun 1999

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

**Content:** Volume 1 provides information on the components and operation of four major systems on F-15 aircraft. It covers the Hydraulic Power Supply System, the F-15 flight control systems, the landing gear, and the canopy systems. Volume 2 covers the components and operation of the F-15 Utility, Air Induction, and Electrical Systems. Volume 3 covers the components and operation of the F-15 fuel systems, the different engines and their systems, the engine start system, and crash recovery of the F-15.

### **2A373B—F-16/117 Aerospace Maintenance Craftsman**

1 Volume: Activated Apr 1995; Revised Apr 1999

Hours: Volumes - 27 CE - 6

Points: Volumes - 9 CE - 2

**Content:** This one volume course covers the F-16 emergency power unit and utility systems, hydraulic landing gear, flight control, fuel systems, and engines. It also covers the F-117 auxiliary and emergency power unit, utility, hydraulics, landing gear, flight control, fuel, and engine systems.

**Special Information:** CDC 2AX7X and CDC 2A373B may be taken in any order.

### **2A373J—Fighter Aircraft Maintenance Craftsman (A-10/U-2)**

1 Volume: Activated Apr 1995; Revised Sep 1999

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

**Content:** Volume 1 covers troubleshooting the pneudraulic system, flight control system, and the landing gear system, technical orders needed to troubleshoot aircraft systems, troubleshooting the pneudraulic system, and the landing gear system of the A-10 and the U-2.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

### **2A451A—Aircraft Guidance and Control Systems Journeyman**

3 Volumes: Activated Feb 1995

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

**SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel**

**Content:** Volume 1 covers career ladder progression, maintenance safety, technical orders, supply discipline, inspection systems, maintenance management, and product improvement programs. Volume 2 covers basic electronic terms, inductive devices, solid state circuits, power supplies, binary devices, and computers. Volume 3 covers aircraft guidance, repair of wires and cables, corrosion control, aircraft familiarization, and use of equipment diagrams.

### **2A451B—Aircraft Guidance and Control Systems Journeyman**

3 Volumes: Activated Apr 1995

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

***SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel***

**Content:** Volume 1 contains information pertaining to automatic flight control systems on aircrafts such as the B-52, KC 135, C130, and C-17 electronic flight control system. Volume 3 contains information that covers operation of the attitude heading reference system, which includes the aircraft compass system.

### **2A451C<sup>3/4</sup> Aircraft Guidance and Control Systems Journeyman**

3 Volumes: Activated Dec 95

Hours: Volumes - 27 CE - 6

Points: Volumes - 9 CE - 2

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**Content:** Volume 1 covers the position indicating, engine data, and fuel quantity indicating systems. Volume 2 covers the flight instrument, altitude reporting, and air data computer systems. Volume 3 covers the ground proximity warning, stall warning, flight recorder, and cockpit display systems.

### **2A452A—Aircraft Communication Navigation Systems Journeyman**

3 Volumes: Activated Feb 1995

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

**Content:** Volume 1 covers administrative and nonelectronic information you need to become an aircraft communication/navigation journeyman. Volume 2 covers the resistor color code direct current (DC) circuits, basic calculations involving resistive circuits, and alternating current. Volume 3 covers decimal numbering system, binary numbering system, and hexadecimal numbering and coding system.

**Special Information:** CDC 2A452A is a mandatory prerequisite for enrollment in CDC 2A452C.

### **2A452B<sup>3/4</sup> Aircraft Communications/Navigation Systems Journeyman**

4 Volumes: Activated June 1995

Hours: Volumes - 69 CE - 18

Points: Volumes - 23 CE - 6

**Content:** Volume 1 covers transmitter and receiver fundamentals; RF wave propagation characteristics; and HF, VHF, and UHF communication systems. Volume 2 explores the principles of secure voice, emergency communication, and the interphone system. Volume 3 introduces you to the navigational systems; and Volume 4 is devoted to teaching you radar principles, as well as Doppler and GPS characteristics and operation.

**Special Information:** CDC 2A452B is a mandatory prerequisite for enrollment in CDC 2A452C.

### **2A452C<sup>3/4</sup> Aircraft Communication/Navigation Systems Journeyman**

2 Volumes: Activated Dec 95; Revised Nov 1999

Hours: Volume - 30 CE - 9

Points: Volume - 10 CE - 3

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**Content:** Volume 1 discusses the Stationkeeping Equipment (SKE) system. It covers the SKE operating characteristics and major components, basic system operation, and studies the Zone Marker. Volume 2 deals with specialized aircraft and the Joint Tactical Information Distribution System (JTIDS), and covers information pertaining to the operational aspects of this career field.

**Special Information:** CDCs 2A452A/B are mandatory prerequisites for enrollment in CDC 2A452C.

### **2A453B<sup>3/4</sup> Aircraft Command Control Communication and Navigation Systems Journeyman**

3 Volumes: Activated Jul 96

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

***SALE RESTRICTED (For Official Use Only) Limited to DOD personnel***

**Content:** Volume 1 covers the purpose, characteristics, and theory of operation of automatic direction finder (ADF), VHF omnirange (VOR), instrument landing systems (ILS), tactical air navigation (TACAN), low-range radio altimeter (LRRA), and self-contained navigation systems (SCNS). Volume 2 covers IFF transponders, Doppler navigation, and the global positioning system. Volume 3 contains information on search and weather radar, color radar, and radar beacon systems.

**Special Information:** CDC 2A453A is a mandatory prerequisite for enrollment in CDC 2A453B.

### **2A453C—Aircraft Command Control Communication and Navigation Systems Journeyman**

3 Volumes: Activated Feb 96

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

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**Content:** Volume 1 covers the EC-135 and E-4B aircraft mission and layout and some of the mission systems. Volume 2 covers the airborne command and control center III capsule. Volume 3 covers the E-3 AWACS aircraft, the E-8 Joint STARS aircraft, and the Joint Tactical Information Distribution System.



**Special Information:** CDCs 2A453A/B are prerequisites for enrollment in CDC 2A453C.

### **2A55A1—Basic Offensive Avionic Skills Journeyman**

2 Volumes: Activated Nov 98

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

**Content:** Volume 1 covers general and job-related knowledge which applies to the avionics career field. Volume 2 provides information on organizational-level maintenance.

**Special Information:** Completion of CDC 2A55A1 is a mandatory prerequisite for CDCs 2A55A2/3/4.

### **2A55A2—Offensive Avionics Journeyman (B-1)**

2 Volumes: Activated Mar 1999

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers general and job-related information about the B-1B aircraft. Volume 2 continues with systems training that applies to the B-1B aircraft.

**Special Information:** Completion of CDC 2A55A1 is a mandatory prerequisite.

### **2A55A3—Offensive Avionics (B-52) Journeyman**

3 Volumes: Activated Mar 1999

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 discusses major systems and structural areas of the B-52, the Electro-optical Viewing System (EVS), the Data Presentation Group, the EVS environmental control systems, EVS accessory functions/components, and the video recording system. Volume 2 covers the purpose and operation, the data bus system, and the interface subsystems of the B-52. It also discusses the controls and displays subsystem, the computational subsystem that makes the OAS work, the navigational aspects of OAS, and the weapon delivery functions. Volume 3 pertains to the B-52's strategic radar (SR) system. It covers major components, modes of operations, functional theory, and system interfacing with other aircraft systems/equipment.

**Special Information:** Completion of CDC 2A55A1 is a mandatory prerequisite.

### **2A55A4—Offensive Avionics Journeyman (B-2)**

2 Volumes: Activated Oct 98

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 discusses the B-2 On Board Test System, the Electrical Load Distribution System, Mission Management System, Terrain Following/Terrain Avoidance Sub-systems, Altitude Data System, and System Integration. Volume 2

covers the B-2 Controls and Displays System, the Flight Management System, and various navigation systems on board the aircraft.

**Special Information:** Completion of CDC 2A55A1 is a mandatory prerequisite.

### **2A55B1—B-1/B-2 Instrument and Flight Control Systems, General Avionics Journeyman**

2 Volumes: Activated Dec 98

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers Air Force technical publications, maintenance management concepts, the maintenance data collection system, and the different aspects of supply discipline. Volume 2 provides information on organizational-level maintenance and the different types of aircraft inspection used throughout the Air Force.

**Special Information:** CDC 2A55B1 is a mandatory prerequisite for CDC 2A55B2/3.

### **2A55B2—B-1 Instrument and Flight Control Systems Journeyman**

3 Volumes: Activated May 1999

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 and 2 contain information on the instrument systems designed into the B-1 aircraft. Volume 3 provides information on the manual and automatic flight control systems.

**Special Information:** CDC 2A55B1 is a mandatory prerequisite.

### **2A55B3—B-2 Instrument and Flight Control Systems Journeyman**

2 Volumes: Activated Sept 98

Hours: Volumes - 24 CE - 6

Points: Volumes - 8 CE - 2

**Content:** Volume 1 contains system information applicable to the B-2 aircraft. It covers Standby Instrument Systems, the Flight Data Recorder, the Fuel Measurement/Management System, the Engine Indicating System, and System Integration. Volume 2 covers Electronic Flight Controls to include Nosewheel Steering and Hydraulic Systems, the Air Data System, and the Auto Pilot System.

**Special Information:** CDC 2A55B1 is a mandatory prerequisite.

### **2A55C1—B-1/B-2 Communication/Navigation/Defensive Avionic Systems Journeyman**

3 Volumes: Activated Feb 1999

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

**Content:** Volume 1 covers Air Force technical publications, the basic functions and responsibilities of the maintenance complex, maintenance data collection and the core automated maintenance system. It also discusses different aspects of supply discipline.

Volume 2 provides information on organizational level maintenance and B-1 and B-2 aircraft familiarization. Volume 3 covers electronic warfare, communication, and navigation principles.

**Special Information:** CDC 2A55C1 is a mandatory prerequisite for CDCs 2A55C2/3.

### **2A55C2—B-1 Communication/Navigation/Defensive Avionic Systems Journeyman**

3 Volumes: Activated Jun 1999

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 contains systems-specific information on the communication systems on the B-1. Volume 2 covers the various dependent positioning navigational systems used by the B-1. Volume 3 discusses the electronic warfare system installed on the B-1.

**Special Information:** CDC 2A55C1 is a mandatory prerequisite.

### **2A55C3—B-2 Communication/Navigation/Defensive Avionic Systems Journeyman**

2 Volumes: Activated Dec 98

Hours: Volumes - 9 CE - 6

Points: Volumes - 3 CE - 2

**Content:** Volume 1 contains systems-specific information on the communication systems on the B-2. Volume 2 covers various dependent positioning navigational systems used by the B-2.

**Special Information:** CDC 2A55C1 is a mandatory prerequisite.

### **2A551—Aerospace Maintenance Journeyman**

3 Volumes: Activated Sept 94

Hours: Volumes - 102 CE - 27

Points: Volumes - 34 CE - 9

**Content:** Volume 1 covers publications and maintenance management, aircraft inspections and documentation, maintenance material, corrosion control, and aircraft handling and supply actions. Volume 2 covers aerospace ground equipment, airframe, pneudraulics, landing gear, and flight controls. Volume 3 covers engines, utilities, fuels and electrical systems.

### **2A552—Helicopter Journeyman**

4 Volumes: Activated Oct 97

Hours: Volumes - 108 CE - 27

Points: Volumes - 36 CE - 9

**Content:** Volume 1 pertains to core values and safety; maintenance directives and inspections; maintenance management; special tools; securing devices; and aircraft

support equipment. Volume 2 covers general helicopter maintenance. Volume 3 pertains to the helicopter airframe and major systems. Volume 4 covers the airframe and the major systems of the H-60 helicopter.

### **2A571—Aerospace Maintenance Craftsman Heavy Aircraft**

1 Volume: Activated Apr 1995; Revised April 1999

Hours: Volumes - 24 CE - 6

Points: Volumes - 8 CE - 2

**Content:** This one volume course contains information on three different aircraft systems and troubleshooting items.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

### **2A572—Helicopter Craftsman**

3 Volumes: Activated Feb 1999

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

**Content:** Volume 1 pertains to troubleshooting and rigging the H-1 (Huey) helicopter's major systems. Volume 2 covers troubleshooting and rigging of the major systems on the H-53 helicopter. Volume 3 covers troubleshooting and rigging of the major systems on the H-60 helicopter.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

### **2A651A—Aerospace Propulsion Jet Engine Journeyman**

5 Volumes: Revised June 98

Hours: Volumes - 114 CE - 30

Points: Volumes - 38 CE - 10

***SALE RESTRICTED (For Official Use Only) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 covers subjects ranging from career progression to what inspection is required for an engine in storage. Volume 2 pertains to tools and hardware, general engine maintenance procedures, engine corrosion control, storage and shipment, and nonpowered support equipment. Volume 3 covers jet engine operating principles, general jet engine construction, specific jet engine construction, and small gas turbine engine theory and construction. Volume 4 discusses jet engine fuel, oil, starter, ignition, and electrical systems. Volume 5 covers engine testing procedures, instrumentation, jet engine operational checks and adjustments on the test stand, noise suppressors, and engine removal and installation in the airframe.

### **2A651B<sup>3/4</sup> Aerospace Propulsion Turboprop/Turboshaft Engine Journeyman**

5 Volumes: Revised May 98

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

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**Content:** Volume 1 discusses subjects ranging from career progression to what inspection is required for an engine in storage. Volume 2 pertains to general engine maintenance procedures. Volume 3 covers operating principles of the T56 engine systems. Volume 4 discusses propeller operation. Volume 5 covers operation principles of the T700 and T64 engine systems.

### **2A652—Aerospace Ground Equipment Journeyman**

5 Volumes: Activated Jun 95

Hours: Volumes - 99 CE - 24

Points: Volumes - 33 CE - 8

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**Content:** Volumes 1 includes a job knowledge concerned with supply maintenance management systems, publications, tools, hardware, common AGE tasks, and core automated maintenance system (CAMS). Volume 2 covers electrical and electronic circuits and components along with the test equipment necessary to troubleshoot and maintain these circuits. Volume 3 covers prime movers. Volume 4 deals with electrical generation. Volume 5 covers hydraulic test strands, bomblifts, heaters, air conditioners, air compressors, flood light, cabin leakage testers, and non-powered AGE.

### **2A653<sup>3</sup>/<sub>4</sub> Aircrew Egress Systems Journeyman**

5 Volumes: Activated Oct 95

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

**Content:** Volume 1 outlines general training requirements and the operations security program. Volume 2 presents two current maintenance management concepts and proper supply and maintenance documentation procedures necessary to ensure effective use and control over our resources. Volume 3 covers egress fundamentals on inspection, storage, and transportation of egress explosives; electrical and pneumatic principles; aerospace ground and test equipment; and corrosion and foreign object inspection techniques. Volumes 4 and 5 are devoted to egress system theory and specific maintenance practices.

**Special Information:** Replaces CDC 42352.

### **2A654<sup>3</sup>/<sub>4</sub> Aircraft Fuel Systems Journeyman**

3 Volumes: Activated Nov 95

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

**Content:** Volume 1 covers various maintenance fundamentals and administrative responsibilities as a aircraft maintenance person. Volume 2 deals with aircraft fuel systems, subsystems, and components. Volume 3 covers integral fuel tank and fuel cell

maintenance and includes topics such as aircraft familiarization, special tools and equipment, confined space entry, and fuel leak isolation.

**Special Information:** Replaced CDC 45453.

### **2A655—Aircraft Hydraulic Systems Journeyman**

3 Volumes: Activated Dec 1994

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

**Content:** Volume 1 covers maintenance management, supply technical orders, and safety. Volume 2 covers principles of pneudraulics, hand tools and aircraft hardware, electrical fundamentals, ground equipment, and aircraft jacking. Volume 3 covers pneudraulic components, hydraulic systems, and is designed to assist you in acquiring system knowledge by reviewing certain technical information and different hydraulic parts and systems.

### **2A656—Aircraft Electrical and Environmental Systems Journeyman**

5 Volumes: Activated Apr 1999

Hours: Volumes - 87 CE - 21

Points: Volumes - 29 CE - 7

**Content:** Volume 1 pertains to career field fundamentals. Volume 2 covers maintenance fundamentals. Volume 3 contains system operation and troubleshooting of different aircraft electrical systems. Volume 4 pertains to aircraft environmental systems. Volume 5 covers the operations of aircraft fire extinguishing, liquid coolant, and oxygen systems.

### **2A671A<sup>3/4</sup> Aerospace Propulsion Jet Engine Craftsman**

2 Volumes: Revised Jul 97; Revised May 1999

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel**

**Content:** Volume 1 covers fuel, oil, electrical, airflow, anti-icing, bleed air, augments, and thrust reverser systems. Volume 2 covers various borescopy and visual inspection procedures of the compressor, combustion, and turbine sections of an engine.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

### **2A671B<sup>3/4</sup> Aerospace Propulsion Turboprop/Turboshaft Engine Craftsman**

1 Volume: Activated Oct 95; Revised Oct 97; Revised Feb 1999

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

**SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel**

**Content:** This one volume course deals with operation and maintenance of the turboprop/turboshaft engines and small gas turbine engines.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

**2A672<sup>3/4</sup> Aerospace Ground Equipment Craftsman**

2 Volumes: Activated Jul 95; Revised Aug 1999

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

***SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel***

**Content:** Volume 1 contains a vast amount of job related information on AFOSH and OSHA Standards, electrical and electronic circuits and components. Volume 2 studies electrical power generation, electrical test sets, the gas turbine compressor (GTC), air conditioning systems, and bomblifts.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

**2A673—Aircrew Egress System Craftsman**

1 Volume: Activated Nov 1994; Revised Jun 1999

Hours: Volumes - 6 CE - 3

Points: Volumes - 2 CE - 1

**Content:** Volumes 1 covers supervision and management functions and includes discussions on inspections, operating instructions, quality maintenance, performance standards, manpower authorizations, problem solving and explosive safety training.

**2A675<sup>3/4</sup> Aircraft Hydraulic Systems Craftsman**

1 Volume: Activated Sep 2000

Hours: Volume - 12 CE - 3

Points: Volume - 4 CE - 1

**Content:** This one volume

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

**2A676<sup>3/4</sup> Aircraft Electrical and Environmental Systems Craftsman**

1 Volume: Activated August 96; Revised Sep 2000

Hours: Volume - 12 CE - 3

Points: Volume - 4 CE - 1

**Content:** This one volume course contains management, maintenance, and troubleshooting information required to attain the job-related knowledge necessary for this career field.

**Special Information:** CDC 2AX7X is a requirement for upgrade training.

**2A751<sup>3/4</sup> Aircraft Metals Technology Journeyman**

5 Volumes: Activated Apr 1999

Hours: Volumes - 129 CE - 33

Points: Volumes - 43 CE - 11

**Content:** Volume 1 covers metal properties, properties that differentiate metals, testing metal, coding symbols, the heat treatment furnace, heat treatment of metals, shop math, and shop safety. Volume 2 discusses drafting principles, drawing composition, design and manufacture, how to fit and assemble parts, hardware, and workcenter

documentation. Volume 3 covers the basic tooling and equipment items used in the shop. Volume 4 pertains to using shop machinery. Volume 5 covers welding.

### **2A752<sup>3/4</sup> Nondestructive Inspection Journeyman**

4 Volumes: Activated Feb 96; Revised Aug 2000

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7

**Content:** Volume 1 gives general information on various maintenance terms and techniques. It broadens your knowledge of Air Force safety and also metallurgy. Volume 2 deals with parts cleaning and optical, penetrant, and magnetic particle inspections. It also deals with the actual inspections as they pertain to the job. Volume 3 covers ultrasonics, eddy current, and oil analysis equipment and methods. Volume 4 deals with the principles of X-ray equipment and film processing equipment, operation and maintenance, and radiation safety. It also covers radiographic procedures, technique development, and bond testing and advanced composites.

### **2A753<sup>3/4</sup> Aircraft Structural Maintenance Journeyman**

5 Volumes: Activated Dec 95; Revised Apr 1999

Hours: Volumes - 114 CE - 30

Points: Volumes - 38 CE - 10

***SALE RESTRICTED (For Official Use Only) Limited to DOD Personnel***

**Content:** Volume 1 covers basic handtools, use of basic handtools through specialized tools, specialized equipment, inspection, and corrosion tools and equipment. Volume 2 discusses publications through damage assessment and corrosion. Volume 3A pertains to aircraft metals, layout techniques, and aircraft fastener types. Volume 3B covers prerepair procedures, damage removal and fastener layout, fabrication and installation of repair parts, special repair situations, aircraft cables, and aircraft tubing. Volume 4 covers types of composites and repair.

### **2A754<sup>3/4</sup> Fabrication and Parachute Journeyman**

4 Volumes: Activated Dec 95

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

**Content:** Volume 1 deals with job-related areas for fabrication and parachute journeyman. Volume 2 pertains to sewing machines and fabric items. Volume 3 deals with specific USAF flotation equipment. Volume 4 deals with specific parachute information.

### **2A773—Aircraft Structural Maintenance Craftsman**

1 Volume: Activated May 95; Revised May 1999

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1



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**Content:** This one volume course covers subjects ranging from depot level reparables through advanced composites.

**45252B—Integrated Avionic Instrument and Flight Control Systems  
Journeyman (F-16) (AFSCs 2A352B/2A372)**

2 Volumes: Revised Sept 93

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers general information about the synchro, temperature, and tachometer indicating systems; fuel quantity-indicating system; navigational aids; flight environment and air data systems; and air data, autopilot, and flight data recorder systems. Volume 2 presents information designed to help maintain the F-16 flight control system. It covers principles of flight and flight controls; flight control systems; and power monitoring, test equipment, and troubleshooting.

**45572B—Communication and Navigation Systems Craftsman (Communication Systems) (AFSC 2A153)**

2 Volumes: Revised Mar 93

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

**Content:** Volume 1 covers the fundamentals of modulation, detection, and mixing; receivers; intercommunications; and high-frequency communications. Volume 2 covers the remaining communications equipment applicable to the Communication/Navigation Systems career field. It covers VHF communications, UHF communications, UHF direction-finding equipment, emergency communications, and AFSATCOM system.

**Special Information:** Active Duty Air Force, ANG, and Reserve personnel in the 2A153 AFSC are eligible to enroll in multiple courses simultaneously.

**45572C—Communication and Navigation Systems Craftsman (Navigation Systems) (AFSC 2A153)**

2 Volumes: Revised Mar 93

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

**Content:** Volume 1 covers principles and theory of operation for the automatic direction finding (ADF), VHF omnirange (VOR), instrument landing system (ILS), and tactical air navigation (TACAN) system. Volume 2 covers system operation and analysis of the frequency modulated/continuous wave (FM/CW) altimeter (CARA), the IFF transponders, and global positioning system.

**Special Information:** Active Duty Air Force, ANG, and Reserve personnel in the 2A153 AFSC are eligible to enroll in multiple courses simultaneously.

**45572D—Communication and Navigation Systems Craftsman (Radar Systems) (AFSC 2A153)**

1 Volume: Revised Mar 93

Hours: Volume - 21 CE - 6

Points: Volume - 7 CE - 2

**Content:** This course covers the study principles of two search and weather radar systems. They are used for weather mapping and detection of both airborne and ground targets. It covers basic search radar fundamentals and waveguide characteristics, the AN/APN-59E, and some circuits in detail. It also examines the APS-133 Color Weather Radar System and covers the basic theory of operation.

**Special Information:** Active Duty Air Force, ANG, and Reserve personnel in the 2A153 AFSC are eligible to enroll in multiple courses simultaneously.

**45572E—Communication and Navigation Systems Craftsman (Doppler Systems) (AFSC 2A153)**

1 Volume: Revised Mar 93

Hours: Volume - 18 CE - 3

Points: Volume - 6 CE - 1

**Content:** This course provides the knowledge and technical information about Doppler systems needed to become a communication/navigation systems technician. It discusses terms and techniques of air navigation which includes four different methods of navigation. It describes basic computer fundamentals and operational characteristics of the components in a computer system. It also presents the AN/APN-218 Doppler system and discusses its characteristics and theory of operation.

**Special Information:** Active Duty Air Force, ANG, and Reserve personnel in the 2A153 AFSC are eligible to enroll in multiple courses simultaneously.

<b>(2E) Communications-Electronics Systems</b>
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**2E051A—Ground Radar Systems Journeyman**

4 Volumes: Revised Jan 98

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

**Content:** Volume 1 covers maintenance management; basic fiber optic theory; solid-state diodes and transistor theory; power supplies and their rectifiers, filters, and voltage regulating circuits; operational amplifiers and their applications. Volume 2 has lessons on digital logic functions, counters and registers, wave generation, microwave oscillators and amplifiers, and waveshaping circuits. Volume 3 covers both aircraft control and warning (AC&W) and air traffic control (ATC). Volume 4 looks at basic indicator principles and systems.

**2E051B—Ground Radar Systems Journeyman**

3 Volumes: Activated Apr 1995; Volumes 1 & 2 Revised Feb 1999; Revised Aug 2000

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

**Content:** Volume 1 covers general AC&W radar principles, an introduction to AN/TPS-75 radar system, and explanation of the functional operation for each area of the radar system. Volume 2 discusses the weather radar that is part of the nationwide next generation radar (NEXRAD) network. Volume 3 discusses the Precision Approach Radar ((PAR), AN/GPN-22.

**2E051C—Ground Radar Systems Journeyman**

2 Volumes: Revised Nov 1999

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

**Content:** Volume 1 discusses the AN/TPS-75 radar system, the modular control equipment interface group (MIG), and the AN/TLQ-32 antiradiation missile (ARM) decoy. Volume 2 covers the WSR-88D Weather Radar.

**Special Information:** CDC 2E051A is a mandatory prerequisite for enrollment in CDC 2E051C.

**2E071—Ground Radar Systems Craftsman**

4 Volumes: Activated Nov 98

Hours: Volumes - 72 CE - 18

Points: Volumes - 24 CE - 6

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**Content:** Volume 1 covers types of antennas and their characteristics, different radiation patterns, and radar propagation and anomalies. Volume 2 discusses electromagnetic discharge (ESD), fiber optics, how a computer works, and the operation of a microprocessor. Volume 3 covers information needed to deploy a radar system. Volume 4 pertains to the acquisition of new systems, modifications, and upgrades.

**2E151<sup>3/4</sup> Satellite, Wideband and Telemetry Systems Journeyman**

6 Volumes: Activated Sep 2000

Hours: Volumes - 126 CE - 33

Points: Volumes - 42 CE - 11

**Content:** Volume

**2E152A<sup>3/4</sup> Meteorological and Navigation Systems Journeyman**

3 Volumes: Activated Apr 96

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

**Content:** This first course consists of two volumes of Electronic Fundamentals in a computer-based training (CBT) media accompanied by a paper-based supplement. This paper supplement is an interim measure until the new material can be added to the CBT. Volume 3 consists of supplementary material for the two computer-based training products. This material will eventually be incorporated into the computer-based products; however, due to production constraints and to provide the fastest possible service, we're providing it to you now in the paper-based format.

### **2E152B<sup>3/4</sup> Meteorological and Navigation Systems Journeyman**

4 Volumes: Activated Jun 96

Hours: Volumes - 108 CE - 27

Points: Volumes - 36 CE - 9

**Content:** Volume 1 contains information on AFOSH, the AF technical order system, test equipment, and equipment siting. Volume 2 covers transmitter principles and ILS. Volume 3 covers the VORTAC system. Volume 4 covers tactical equipment.

### **2E152C<sup>3/4</sup> Meteorological and Navigation Systems Journeyman**

3 Volumes: Activated Jan 97

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

**Content:** Volume 1 discusses the AN/GMQ-32 transmissometer and the AN/FMN-1A runway visual range computing set. Volume 2 covers AN/GMQ-34 cloud height set and the AN/FMQ-8 temperature and dew point measuring set. Volume 3 covers the standard meteorological equipment found at a typical airfield.

### **2E153A<sup>3/4</sup> Ground Radio Communications Journeyman**

3 Volumes: Activated Nov 95

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

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**Content:** Volume 1 contains basic math for electronics and some basic electronics. Volume 2 contains vacuum tube theory and basic electronic circuits. Volume 3 contains waveshaping theory and an overview of digital logic circuits.

### **2E153B<sup>3/4</sup> Ground Radio Communications Journeyman**

3 Volumes: Activated Jan 96

Hours: Volumes - 66 CE - 18

Points: Volumes - 22 CE - 6

#### ***SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 is designed to supplement on-the-job training by providing a review of computer and microprocessor theory, transmitter and receiver theory, and transmission line and antenna theory. Volume 2 is a review of troubleshooting and

supports subjects including safety, ESD, EMP, TOs, and ground radio E&I procedures. Volume 3 is a review of test equipment topics.

### **2E153C<sup>3/4</sup> Ground Radio Communications Journeyman**

3 Volumes: Activated Dec 96

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

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**Content:** Volume 1 covers air traffic control communications systems—AN/GRR, AN/GRT, AN/GRC, and OK-423 systems. Volume 2 covers mobile communications, SATCOM, and tape recorders. Volume 3 covers high frequency communications equipment.

### **2E154A<sup>3/4</sup> Television and Intrusion Detection Systems Journeyman**

4 Volumes: Activated Aug 96

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

***SALES RESTRICTED (COPYRIGHT MATERIAL) LIMITED TO DOD PERSONNEL***

**Content:** Volume 1 covers corrosion control, cable maintenance, fiber optics, and electronic principles. Volume 2 covers capacitors, coils, and principles of AC circuits; the theories of amplifiers, limiters, and clampers; and the operation of amplifiers, power supplies, and voltage regulators. Volume 3 covers basic numbering systems and operations, logic circuits, and computer principles. Volume 4 covers test equipment functions.

### **2E154B<sup>3/4</sup> Television and Intrusion Detection Systems Journeyman**

2 Volumes: Activated Jan 97

Hours: Volumes - 24 CE - 6

Points: Volumes - 8 CE - 2

**Content:** The first volume of CDC 2E154B covers the establishment of intrusion detection system requirements and interior and exterior sensors. Volume 2 deals with the equipment used for command and control and assessment of alarms.

### **2E154C<sup>3/4</sup> Television and Intrusion Detection Systems Journeyman**

4 Volumes: Activated May 97

Hours: Volumes - 90 CE - 24

Points: Volumes - 30 CE - 8

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**Content:** Volume 1 covers television fundamentals, cameras, monitors, and receivers. Volume 2 discusses video tape recorder systems. Volume 3 contains information on studio equipment, such as the video switcher, still store, digital effects system, time base corrector, sync generator, compact disc player, frame synchronizer, distribution

amplifiers, and audio systems. Volume 4 covers radio and television transmission and equipment installation.

### **2E154D<sup>3/4</sup> Visual Imagery and Intrusion Detection Systems Journeyman**

4 Volumes: Activated Dec 98

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

***SALE RESTRICTED (Copyright Material) Limited to DOD Personnel***

**Content:** Volume 1 covers safety, tools, soldering, and test equipment. Volume 2 expands your understanding of photography and cameras. Volume 3 discusses processing and printing equipment. Volume 4 covers support, quality control, and video equipment.

### **2E172—Meteorological and Navigation Systems Craftsman**

4 Volumes: Revised Nov 98

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

**Content:** Volume 1 covers METNAV siting, installation, and localizer maintenance. Volume 2 contains an in-depth analysis of glidescope maintenance. Volume 3 contains TACAN and VOR maintenance. Volume 4 covers flight inspections, ground checks, and facility certification.

### **2E251<sup>3/4</sup> Electronic Computer and Switching Systems Journeyman**

2 Volumes: Activated Aug 96; Revised Jun 1999

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers general hardware maintenance. Volume 2 covers data transmission technologies.

### **2E251<sup>3/4</sup> Electronic Computer and Switching Systems Journeyman**

2 Volumes: Activated Aug 96; Revised Jun 1999

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers general hardware maintenance. Volume 2 covers data transmission technologies.

### **2E251D—Joint Surveillance System Computer Maintenance Course**

3 Volumes: Activated Feb 2000

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

**Content:** Volume 1 outlines general JSS fundamentals, system overviews, and basic system descriptions. Volume 2 presents the data processing set, explains and describes the JSS communication control set, digital switch, programmable peripheral controller

(A/B), and central computer. Volume 3 covers the details of specific theories and functions of the JSS and lowest replaceable units.

### **2E451B<sup>3/4</sup>Space Systems Journeyman**

1 Volume: Activated Dec 97

Hours: Volumes - 27 CE - 6

Points: Volumes - 9 CE - 2

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**Content:** This one volume course discusses the Defense Meteorological Satellite Program (DMSP) mission and has an overall high-level discussion of the major equipment systems. It also covers the Defense Support Program (DSP) mission and the Global Positioning Program (GPS) mission.

### **2E653A<sup>3/4</sup>Telephone Systems Journeyman**

4 Volumes: Activated November 1996

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

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**Content:** Volume 1, *Telephone Systems Fundamentals*, covers the different components of a telephone set and how they work. Volume 2 discusses how to install and maintain building and station cables, telephone sets, and associated equipment needed to provide telephone service within a building. Volume 3 covers the 1A2 key telephone systems and the intercom systems. Volume 4 discusses electronic key systems.

### **2E653B<sup>3/4</sup>Telephone Systems Journeyman**

4 Volumes: Activated Feb 1997

Hours: Volumes - 96 CE - 24

Points: Volumes - 32 CE - 8

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**Content:** Volume 1 covers the introduction to digital switching systems. Volume 2 discusses the maintenance aspects of a digital switching system. Volume 3 covers transmission principles, cable testing, lines maintenance, trunks maintenance, and transmission equipment. Volume 4 covers the different software components used to manage the DMS-100/MSL-100, as well as the alarm systems, ancillary equipment, and power equipment commonly used with the switch.

### **2E851B<sup>3/4</sup>Instrumentation and Telemetry Systems Journeyman**

4 Volumes: Activated May 96

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

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**Content:** Volume 1 covers test equipment in the career field; Volume 2 introduces you to the instrumentation field and principles; Volume 3 looks at transmitters, receivers, and antennas. Volume 4 concludes with information about different types of instrumentation and telemetry systems.

**(2F) Fuels****2F051—Fuels Journeyman**

3 Volumes: Activated May 96

Hours: Volumes - 69 CE - 18

Points: Volumes - 23 CE - 6

**Content:** The goal of this course is to provide you the knowledge to understand the duties of a fuels control center controller, the different types of mobile refueling equipment you may use during your career, and the different types of hydrant refueling systems found throughout the Air Force. This course also provides knowledge to understand the components and operations of a bulk storage system, documentation procedures for the various forms you will use during your career, and cryogenic operations.

**Special Information:** Replaces CDC 63150.

**2F071<sup>3/4</sup> Fuels Craftsman**

1 Volume: Activated Jul 96

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

**Content:** This course contains in-depth information on fuel equipment operator maintenance, special operations, quality control tests, and accounting transactions. Completion of this course will prepare you for the in-resident 7-level course. You should have some experience and a good working knowledge of these subjects before you come to the in-resident school.

**2F071M—Fuels Craftsman**

1 Volume: Activated Jan 01

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

**Content:**

**(2G) Logistics Plans****2G051—Logistics Plans Journeyman**

2 Volumes: Revised Mar 98; Revised Jun 2000



Hours: Volumes - 27 CE - 6  
 Points: Volumes - 9 CE - 2

**Content:** Volume 1 discusses the career field and the different programs it encompasses; national defense issues and policy; aerospace planning; the support agreements process; War Reserve Material Management; and an introduction to planning. Volume 2 enhances your knowledge of SORTS and site surveys; covers the importance of command and control; discusses development of TPFDDs and UTCs; outlines the COMPES system; encompasses the deployment process; and defines employment, sustainment assessments, and redeployment planning.

### **2G071—Logistics Plans Craftsman**

1 Volume: Revised Jun 97; Revised May 2000

Hours: Volume - 15 CE - 3  
 Points: Volume - 5 CE - 1

**Content:** This volume covers JOPES, deliberate and crisis planning, the war and mobilization plan (WMP), the time-phased force deployment data (TPFDD) development process, the areas of designed operational capability statements (DOCs), base/unit beddowns, sustainability assessments, logistics command and control, determining war reserve material (WRM) requirements, and the deployment planning process.

## **(2M) Missile and Space Systems Maintenance**

### **2M051A<sup>3/4</sup> Missile and Space Systems Electronic Maintenance Journeyman**

2 Volumes: Activated Dec 95

Hours: Volumes - 27 CE - 2  
 Points: Volumes - 9 CE - 2

**Content:** Volume 1 pertains to maintenance fundamentals and research and development systems ranging from the career progression to closed circuit video systems. Volume 2 covers subjects from the space organizations to satellite systems.

**Special Information:** CDC 2M051A is a mandatory prerequisite for CDCs 2M051B/C.

### **2M051B<sup>3/4</sup> Missile and Space Systems Electronic Maintenance Journeyman**

2 Volumes: Activated Jan 96

Hours: Volumes - 45 CE - 12  
 Points: Volumes - 15 CE - 4

**Content:** Volume 1 pertains to Minuteman and Peacekeeper weapons systems including subjects ranging from the mission of ICBMs to Peacekeeper command and control. Volume 2 covers Minuteman and Peacekeeper maintenance fundamentals with subjects ranging from the weapon system hardness preservation to RFI gasket inspection.

**Special Information:** CDC 2M051A is a mandatory prerequisite for CDCs 2M051B/C.

**2M051C—Missile and Space Systems Electronic Maintenance Journeyman**

2 Volumes: Activated Feb 96

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 pertains to cruise missile fundamentals. The subjects covered in this volume range from maintenance management to the Advanced Cruise Missile. Volume 2 pertains to cruise missile weapon systems. The subjects covered in this volume range from the integration systems to advanced cruise missile level I testing.

**Special Information:** CDC 2M051A is a mandatory prerequisite for CDCs 2M051B/C.

**2M052—Missile and Space Systems Maintenance Journeyman**

4 Volumes: Activated Feb 96

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

**Content:** Volume 1, *Missile and Space Systems Orientation*, pertains to the basic career field orientation. The subjects covered in this volume range from career field progression and the weapon system to maintenance management. Volume 2 covers the fundamentals of missile, spacelift, and research and development systems. Volume 3 covers vehicles and equipment used to perform missile maintenance. Volume 4 pertains to missile maintenance.

**2M053—Missile and Space Facilities Journeyman**

5 Volumes: Activated Jul 96; Revised Jan 01

Hours: Volumes - 117 CE - 30

Points: Volumes - 39 CE - 10

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**Content:** Volume 1 covers the fundamentals of missile maintenance. Volume 2 pertains primarily to power systems. Electrical components, test equipment, power systems, and waste disposal systems are also discussed in volume 2. Volume 3 covers missile environmental control systems. Volume 4 pertains to missile support base maintenance. Volume 5 deals with the fundamentals of space systems.

**2M071<sup>3/4</sup> Missile and Space Systems Electronic Maintenance Craftsman**

2 Volumes: Activated October 1996

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 covers missile, space, and research and development organizations; testing, inspecting, reporting processes, and safety guidelines; spacelift

systems; and research and development. Volume 2 pertains to Minuteman, Peacekeeper, and cruise missile maintenance fundamentals.

### **2M072<sup>3/4</sup>Missile and Space Systems Maintenance Craftsman**

2 Volumes: Activated April 1997

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers maintenance management functions and responsibilities, an overview of some of the maintenance processes associated with the weapon system, and both the Minuteman and Peacekeeper weapon systems. It also gives an overview of publications, weapon systems hardness, EMDAS, and deficiency reporting. Volume 2 covers spacelift vehicles, their facilities, and satellite systems; advanced maintenance principles; and aerospace hardware and corrosion control.

### **2M073<sup>3/4</sup>Missile and Space Facilities Craftsman**

2 Volumes: Activated Mar 1997

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

**Content:** Volume 1 covers maintenance management; hardness assurance, status reporting, and reliability and maintainability of aerospace equipment; and missile and space systems test/inspection processes. Volume 2 pertains to spacelift systems, power generation and distribution, environmental control systems, and advanced troubleshooting.

### **46650B—Missile and Space Systems Electronic Maintenance Journeyman, ALCM (AFSC 2M051B)**

6 Volumes: Activated Nov 90; Revised Volumes 1, 3, 4, 5 and Add Volumes 6, Dec 92

Hours: Volumes - 126 CE - 33

Points: Volumes - 42 CE - 11

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**Content:** Volume 1 is a review of the material that affects the work environment the 466X0 works in. It covers career progression, publications, maintenance management policy, structure of the munitions maintenance squadron, and the core automated maintenance systems overview. Volume 2 covers missile theory of operation for the short-range attack missile and the air-launched cruise missile. Volume 3 covers the material on the electronic checkout equipment and the procedures used to operationally maintain and check out the ALCM. Volume 4 covers the maintenance and checkout procedures for the SRAM. Volume 5 covers topics pertaining to test, measurement, and diagnostic equipment and procedures. Volume 6 covers the theory of operation of the Short Range Attack Missile (SRAM) and Air Launched Cruise Missile (ALCM) weapons systems on the B-52 and B-1B aircraft.

**Special Information:** CDC 46650A is a mandatory prerequisite for CDC 46650B.

## **(2P) Precision Measurement**

### **2P051A<sup>3/4</sup> Precision Measurement Equipment Laboratory Journeyman**

2 Volumes: Activated Aug 96

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**Content:** Volume 1 covers general information including duties, career ladder progression, job hazards and safety, equipment and technical order deficiency reporting, PMEL practices and procedures, and general use of the PMEL Automated Management System (PAMS). Volume 2 deals with selected measurement mathematical computations and their applications, and gives an overview of the principles of several areas of measurements made in the physical-dimensional area of the PMEL.

**Special Information:** CDC 2P051A is a mandatory prerequisite for enrollment in CDC 2P051B.

### **2P051B<sup>3/4</sup> Precision Measurement Equipment Laboratory Journeyman**

3 Volumes: Activated Jun 97

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

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**Content:** Volume 1 covers K-1 and K-8 type TMDE and standards. Volume 2 discusses signal generating and measuring TMDE. Volume 3 covers subjects related to time and data domain including oscilloscope use and troubleshooting.

**Special Information:** CDC 2P051A is a mandatory prerequisite for enrollment in CDC 2P051B.

### **2P071<sup>3/4</sup> Precision Measurement Equipment Laboratory Craftsman**

4 Volumes: Activated Jan 96

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

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**Content:** Volume 1 covers K-8 type standards and the principles in two common types of measurement--VOR/ILS and spectrum analysis. Volume 2 deals with the 8563A spectrum analyzer and the 8673D signal generator. Volume 3 covers various pieces of test equipment, as well as the standards used in microwave and physical/dimensional sections of the lab. Volume 4 explores two areas for the first time in a nonresident course, using and troubleshooting unique F-15 and F-16 related TMDE.

## **(2R) Maintenance Management Systems**

### **2RX7X—Maintenance Management Craftsman**

2 Volumes: Activated Nov 1999

Hours: Volumes - 30 CE - 9

Points: Volumes - 10 CE - 3

**Content:** Volume 1 covers maintenance management, its organizational structure and different responsibilities. Volume 2 covers the supply system and resource management.

### **2R051—Maintenance Data Systems Analysis Journeyman**

4 Volumes: Activated Oct 1994; Revised Jun 1999

Hours: Volumes - 72 CE - 18

Points: Volumes - 24 CE - 6

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**Content:** Volumes 1 covers data processing knowledge for an analyst together and analyze maintenance data. Volume 2 covers CAMS administration CAMS database troubleshooting and correction tools, database verification correction, query language, and processor. Volume 3 covers the 12-step process for analyzing data, producing special studies, and researching problem areas of maintenance. Volume 4 covers hypothesis and statistical analysis.

### **2R071<sup>3/4</sup> Maintenance Data Systems Analysis Craftsman**

2 Volumes: Activated Jun 95; Revised Aug 1999

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

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**Content:** Volume 1 covers general knowledge an analyst needs to manage the Core Automated Maintenance System (CAMS). Volumes 2 is presented in six units consisting of a detailed look at the analysis process, descriptive statistics, statistical process control, hypothesis testing with an introduction to parametric and nonparametric testing, and methods of plotting trend lines for both linear and curvilinear data.

### **2R151—Maintenance Scheduling Journeyman**

3 Volumes: Revised May 98

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

**Content:** Volume 1 covers maintenance guidelines, maintenance organization, responsibilities, Air Force publications, maintenance concepts, and inspection concepts. Volume 2 discusses both documentation and engine documentation activities. Volume 3 covers plans and scheduling.

**2R171<sup>3/4</sup> Maintenance Scheduling Craftsman**

2 Volume: Activated Jun 95; Revised Jul 2000

Hours: Volume - 24 CE - 6

Points: Volume - 8 CE - 2

**Content:** Volume 1 covers logistics and resource management, the Air Force supply system, and programs and procedures. Volume 2 pertains to maintenance and training management.

**(2S) Supply****2S051A—Supply Management Journeyman**

4 Volumes: Revised Feb 98

Hours: Volumes - 69 CE - 18

Points: Volumes - 23 CE - 6

**Content:** Volume 1 deals with career progression of a supply management journeyman, the organizational alignment and functional responsibilities of a standard base supply system. It also covers the standard base-level computer and handling supply data. Volume 2 discusses duties and tasks of the management and systems flight. Volume 3 covers the duties and tasks performed by the various elements operating under the combat operations support flight. Volume 4 provides information concerning the material management flight.

**2S051B—Supply Management Journeyman**

3 Volumes: Revised Jan 98

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 covers specific tasks done by warehouse personnel. It looks at the supply inspector, the receiving area, and bench stock support operations. Volume 2 covers specific tasks accomplished in the storage and issue, and pickup and delivery processes. Volume 3 discusses materiel handling principles and equipment, the pickup and delivery process, the turn-in process, reports of discrepancy (ROD), hazardous waste disposal, and hazardous material procedures.

**Special Information:** CDC 2S051A is not a prerequisite for enrollment in CDC 2S051B.

**2S071—Supply Management Craftsman**

2 Volumes: Revised Jun 98

Hours: Volume - 33 CE - 9

Points: Volume - 11 CE - 3

**Content:** Volume 1 discusses transaction identification codes (TRICs), supply interface system (SIFs) processing, Document Control functions, various aspects of the supply

management activity group (SMAG), functional responsibilities of the material management and operations support flights, contingency wartime support, and inventory adjustments and duties of the material and distribution flight. Volume 2 covers analysis techniques and manpower, management indicators and data gathering techniques, deficiency identification and problem solving techniques, and computer applications, forecasting and presentation.

### **2S072—Supply Systems Analyst Craftsman**

1 Volume: Activated Jul 98

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

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**Content:** This one volume course covers the software associated with the Data Communications Architecture, the makeup of a DMS 1100 database, and instructions on optimal programming and debugging techniques as it applies to QLP and SURGE. It also defines microcomputer terms needed to fully understand the inner workings of a personal computer.

## **(2T) Transportation and Vehicle Maintenance**

### **2T051—Traffic Management Journeyman**

3 Volumes: Activated Jan 98

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

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**Content:** Volume 1 discusses traffic management publications and forms, information warfare, safety, packaging to include preservation, packaging control, and reusable containers. Volume 2 deals with requirements for cargo movement from the point of origin to worldwide destination and documentation that applies to each shipment. Volume 3 covers the passenger services available.

**Special Information:** This course is “For Official Use Only.”

### **2T071—Traffic Management Craftsman**

2 Volumes: Activated Oct 1994; Revised Apr 2000

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

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**Content:** Volume 1 pertains to the movement of passengers and personal property. Volume 2 pertains to cargo movement, supervising packaging, and freight sections, to affiliation with combat readiness, and resources area.

**Special Information:** This course is “For Official Use Only.”

**2T151—Vehicle Operator/Dispatcher Journeyman**

3 Volumes: Activated Nov 98

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

**Content:** Volume 1 covers career path, trainer, and trainee responsibilities, and the career development course. It gives an overview of the objective wing, presents a summary of manpower and budget resources, and covers the mission, duties and responsibilities, hazards, and the structure of vehicle operations flight. Volume 2 covers functions of Vehicles Operations. Volume 3 presents readiness, operations, and management responsibilities of the career field.

**2T171—Vehicle Operations Craftsman**

2 Volumes: Activated Oct 1994; Revised May 1999

Hours: Volumes - 24 CE - 6

Points: Volumes - 8 CE - 2

**Content:** Volume 1 covers the general structure, responsibilities and programs of the vehicle operations flight. Volume 2 covers information about the On-Line Vehicle Interactive Management System and the Fleet Management Element of Vehicle Operations Flight.

**2T231—Air Transportation Apprentice**

2 Volumes: Activated Jan 98

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

**Content:** Volume 1 focuses on basic information about the air transportation career field and provides an overview on the sections and responsibilities of the air passenger terminal and air terminal operations flight. Volume 2 covers the air cargo aspects of this career field. It also covers the types of equipment which will be operated, information on aircraft loading and servicing, and the various transportation computer systems.

**2T251—Air Transportation Journeyman**

3 Volumes: Activated Jul 97

Hours: Volumes - 72 CE - 18

Points: Volumes - 24 CE - 6

**Content:** Volume 1 pertains to the overall career field, military airlift system, safety, security, and equipment. Volume 2 covers the cargo responsibilities along with airdrop and fleet service. Volume 3 deals with the passenger processing responsibilities and air terminal operations center functions.

**2T271—Air Transportation Craftsman**

3 Volumes: Activated Oct 1994; Revised Aug 1999



Hours: Volumes - 42 - CE - 12

Points: Volumes - 14 - CE - 4

**Content:** Volume 1 covers background information related to the duties and responsibilities of an air transportation craftsman. Volume 2 covers areas pertaining to processing and transporting passengers. Volume 3 discusses detailed passenger service and air terminal operations.

### **2T350A<sup>3/4</sup> Basic Vehicle Maintenance (Course A)**

3 Volumes: Activated December 96

Hours: Volumes - 102 CE - 27

Points: Volumes - 34 CE - 9

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**Content:** Volume 1, *Vehicle Maintenance Management*, covers a traditional rendition of vehicle maintenance theories, concepts, procedures, and common management practices within the career field. Volume 2 discusses the basics for gasoline and diesel engines. Volume 3 addresses engine electrical systems.

**Special Information:** CDC 2T350A is a prerequisite for enrollment in CDC 2T350B. CDCs 2T350A/B are prerequisites for enrollment in CDCs 2T351, 2T352A, and 2T352B.

### **2T350B<sup>3/4</sup> Basic Vehicle Maintenance (Course B)**

3 Volumes: Activated May 97

Hours: Volumes - 87 CE - 21

Points: Volumes - 29 CE - 7

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**Content:** Volume 1 covers information on drivetrains. Volume 2 discusses vehicle chassis systems. Volume 3 covers miscellaneous vehicle systems such as hydraulic systems, air bags, split-rim wheels, and heating and air-conditioning systems.

**Special Information:** CDC 2T350A is a prerequisite for enrollment in CDC 2T350B. CDCs 2T350A/B are prerequisites for enrollment in CDCs 2T351, 2T352A, and 2T352B.

### **2T351<sup>3/4</sup> Special Purpose Vehicle and Equipment Journeyman**

2 Volumes: Activated Oct 97

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

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**Content:** Volume 1 contains information on cranes, crawler tractors, sweepers, graders, and snow equipment. Volume 2 discusses the K-loader, forklifts, towing equipment, and the deicer.

**Special Information:** CDCs 2T350A/B are prerequisites for enrollment in CDCs 2T351, 2T352A, and 2T352B.

### **2T352A<sup>3/4</sup>Special Vehicle Maintenance Journeyman (Fire Trucks)**

1 Volume: Activated Jul 97

Hours: Volumes - 18 CE - 6

Points: Volumes - 6 CE - 2

**Content:** This one volume course covers the fundamentals and maintenance of fire trucks; specifically, the P-19 and P-23 variety.

**Special Information:** CDCs 2T350A/B are prerequisites for enrollment in CDCs 2T351, 2T352A, and 2T352B.

### **2T352B<sup>3/4</sup>Special Vehicle Maintenance Journeyman (Refueling Vehicles)**

1 Volume: Activated Oct 97

Hours: Volumes - 21 CE - 6

Points: Volumes - 7 CE - 2

**Content:** This one volume course covers the R-9 and the R-11 aircraft refueling vehicles.

**Special Information:** CDCs 2T350A/B are prerequisites for enrollment in CDCs 2T351, 2T352A, and 2T352B.

### **2T353<sup>3/4</sup>Vehicle Maintenance Control and Analysis Journeyman**

3 Volumes: Activated October 96

Hours: Volumes - 42 CE - 12

Points: Volumes - 14 CE - 4

**Content:** Volume 1 covers vehicle maintenance management. Volume 2 gives an overview of Air Force Occupational Safety and Health program (AFOSH) and material control functions and related duties. Volume 3 covers data collection, data processing, and presentation of maintenance data.

### **2T375A—Vehicle Maintenance Craftsman**

3 Volumes: Activated Jul 97

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

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**Content:** Volume 1 covers maintenance management. Volume 2 discusses fire truck systems, specifically the P-19 and P-23 fire trucks. Volume 3 covers allied trades.

**Special Information:** CDC 2T375A is a prerequisite for enrollment in CDC 2T375B.

### **2T375B—Vehicle Maintenance Craftsman**

3 Volumes: Activated Oct 97

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

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**Content:** Volume 1 contains information on cranes, crawler tractors, sweepers, graders, and snow equipment. Volume 2 discusses the K-loader, forklifts, towing equipment, and the deicer.

**Special Information:** CDC 2T375A is a prerequisite for enrollment in CDC 2T375B.

**2T452<sup>3/4</sup> Vehicle Body Maintenance Journeyman**

2 Volumes: Activated Mar 1997

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

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**Content:** Volume 1 covers vehicle maintenance management. Volume 2 discusses the specifics of automotive body repair—frame, trim, and hardware; vehicle upholstery; corrosion control; and automotive glass. It also covers various types of welding and information about repair of heat exchangers and fuel tanks.

**47271—Special-Purpose Vehicle and Equipment Craftsman (AFSC 2T370)**

5 Volumes: Activated Apr 91

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

**Content:** Volume 1 is devoted to vehicle maintenance management. It covers maintenance policies, vehicle maintenance management, source documents and reports, and transportation combat readiness and resources. Volume 2 discusses vehicle and equipment used to maintain the physical structures and systems on a typical Air Force Installation. It covers cranes, crawler tractors, sweepers, and attachments and specialized equipment. Volume 3 continues the discussion on specialized vehicles, the vehicles used to move cargo and service aircraft. It covers forklifts and cargo loaders, aircraft towing and servicing vehicles, and auxiliary personnel heaters. Volume 4 discusses firetruck systems. It covers drive trains, P-4 dispensing systems and P-19 dispensing systems, and winterization systems. Volume 5 explains safety involved with refueling maintenance shops and refueling vehicles, dispensing systems, bottom-loading systems, dispensing equipment, winterization systems, and R-11 operational and servicing systems.

**47275—General-Purpose Vehicle and Body Maintenance Craftsman (AFSC 2T470)**

4 Volumes: Revised Jul 91

Hours: Volumes - 123 CE - 30

Points: Volumes - 41 CE - 10

**Content:** Volume 1 is devoted to vehicle maintenance management. Volume 2 familiarizes you with the operation and maintenance of gasoline and diesel engines. Volume 3 covers how the vehicle moves, steers, brakes, absorbs the contour of road

surfaces, and helps keep you warm or cool depending on the outside weather. Volume 4, *Allied Trades*, familiarizes you with information that can assist you in your duty tasks as a vehicle body mechanic supervisor.

**60555—Air Transportation Journeyman (AFSC 2T251)**

3 Volumes: Revised May 93

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

**Content:** Volume 1 covers air transportation career program, administrative duties, air transportation vehicles, computers, records, reports, and mobility. Volume 2 covers the cargo and fleet service portion of the career field. It covers cargo documentation, hazardous and special cargo, shipment inspection and processing, palletization, aircraft loading, airdrop, and fleet service. Volume 3 discusses passenger reservations, processing passengers, travel and cash collection documentation, passenger comfort, and air terminal operations center.

## **(2W) Munitions and Weapons**

**2W051A—Munitions Systems Journeyman**

4 Volumes: Revised May 98

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

**Content:** Volume 1 focuses on the role of the 2W0X1 career field within the context of the Air Force career field structure, the day to day duties as well as those which meet the Air Force mission in planning for contingency operations. Volume 2 discusses security, safety, and general maintenance subjects. Volume 3 discusses planning, scheduling, controlling, accounting, and managing munitions data. Volume 4 covers munitions inspection, shipping and receiving munitions, and storage procedures.

**2W051B—Munitions Systems Journeyman**

3 Volumes: Revised May 98

Hours: Volumes - 57 CE - 19

Points: Volumes - 15 CE - 5

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**Content:** Volume 1 pertains to general maintenance practices and procedures for handling munitions. Volume 2 covers knowledge of general munitions. Volume 3 covers precision guided munitions and their test equipment..

**2W051C—Munitions Systems Journeyman**

3 Volumes: Activated Dec 1993

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

**Content:** Volume 1 pertains to career development, safety, and security. Volume 2 covers munitions maintenance: management, publications, and the planning process. Volume 3 pertains to munitions and materiel control and the Combat Ammunition System (CAS).

### **2W071—Munitions Systems Craftsman**

1 Volume: Activated Jan 1999

Hours: Volumes - 9 CE - 6

Points: Volumes - 3 CE - 2

**Content:** This one volume course deals with job-related areas for munitions systems craftsmen.

### **2W151A—Aircraft Armament Systems Journeyman**

3 Volumes: Activated Apr 95; Revised Mar 2000

Hours: Volumes - 30 CE - 9

Points: Volumes - 10 CE - 3

**Content:** Volume 1 covers administration, management, and publications. Volume 2 covers ground and explosive safety, nuclear surety, and operation and resources security. Volume 3 covers maintenance fundamentals and practices.

### **2W151B<sup>3/4</sup> Aircraft Armament Systems Journeyman**

3 Volumes: Activated Nov 95; Revised May 2000

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

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**Content:** Volume 1 contains information on the aerospace ground equipment used in your career field. Volume 2 covers the munitions that are flown on the many different aircraft in the Air Force inventory. Volume 3 discusses the armament system components and gun components.

**Special Information:** CDC 2W151A is a mandatory prerequisite for enrollment in CDC 2W151B.

### **2W171—Aircraft Armament Systems Craftsman**

1 Volume: Activated May 95; Revised Jul 2000

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1

**Content:** This volume covers aircraft equipment forms, their use and maintenance, mobility, expediting, and safety awareness.

### **2W251A—Nuclear Weapons Journeyman**

5 Volumes: Activated Mar 96

Hours: Volumes - 60 CE -15  
Points: Volumes - 20 CE - 5

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**Content:** Volume 1 covers nuclear weapons management, reports and historical documentation, accountability and controlling materiel, and technical orders. Volume 2 discusses nuclear theory, explosives, and ground safety. Volume 3 covers nuclear surety and security procedures. Volume 4 covers maintenance operations that are used daily. Volume 5 discusses general and special test and handling equipment procedures.

### **2W251B—Nuclear Weapons Journeyman**

5 Volumes: Activated Feb 97

Hours: Volumes - 66 CE -15  
Points: Volumes - 22 CE - 5

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**Content:** Volume 1 discusses Nuclear Ordnance Commodity Management (NOCM) accountability and Combat Ammunition System-Base (CAS-B) procedures. Volume 2 covers basic ground-handling procedures and equipment common to this career field. Volume 3 covers general maintenance practices, and procedures for gravity weapons and release systems. Volume 4 covers guided missiles and delivery systems. Volume 5 covers reentry vehicles and systems.

## **(3A) Information Management**

### **3A051A—Information Management Journeyman**

2 Volumes: Activated Aug 97; Revised Apr 1999; Revised Jun 2000

Hours: Volumes - 27 CE - 6  
Points: Volumes - 9 CE -2

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**Content:** Volume 1 discusses organization of this Air Force Specialty, the life cycle of information and IM responsibilities, and war and contingency operations. Volume 2 covers the duties and responsibilities of the Record Manager, the Records Information Management System (RIMS), electronic recordkeeping, Information Collections and Reports, the Freedom of Information Act, and the Privacy Act.

### **3A051B—Information Management Journeyman**

2 Volumes: Activated Aug 97; Revised Jun 2000

Hours: Volumes - 18 CE - 6  
Points: Volumes - 6 CE - 2

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**Content:** Volume 1 discusses the world of computers—its hardware and internal operations. Volume 2 covers a wide spectrum of duties and responsibilities from drafting an official memorandum to caring for classified material.

### **3A071—Information Management Craftsman**

2 Volumes: Activated Aug 97; Revised Jun 2000

Hours: Volumes - 30 CE - 9

Points: Volumes - 10 CE - 3

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**Content:** Volume 1 covers the legal framework of this career field, the functional and manpower responsibilities, communications and publishing, records management, Federal laws, and war and contingency responsibilities. Volume 2 discusses the planning process, handling classified material, and computer security.

## **(3C) Communications<sup>3/4</sup> Computer Systems**

### **3C051A—Communications-Computer Systems Operations Journeyman**

3 Volumes: Revised Jan 97

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

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**Content:** Volume 1 covers aspects of equipment safety, fire safety, AFOSH, security, and publications. Volume 2, *Mainframe Computers*, discusses data processing concepts, hardware components, peripheral devices, media library, and system operations. Volume 3, *Microcomputers*, covers hardware components, peripheral devices, software concepts, and maintenance.

**Special Information:** CDC 3C051A is a mandatory prerequisite for enrollment in CDC 3C051B.

### **3C051B—Communications-Computer Systems Operations Journeyman**

4 Volumes: Revised Jun 97

Hours: Volumes - 57 CE - 18

Points: Volumes - 19 CE - 6

**Content:** Volume 1 introduces you to communications and how it is used in your career field. Volume 2 covers communications-computer networks. Volume 3 covers the basic principles of electronics. Volume 4 discusses communications-computer management activities.

**Special Information:** CDC 3C051A is a mandatory prerequisite for enrollment in CDC 3C051B.

**3C052—Communication-Computer Systems Programming Journeyman**

4 Volumes: Activated Mar 95; Revised Aug 1999

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

**Content:** Volume 1 covers developing communication computer software programming language, and software quality. Volume 2 covers communications systems protocols, message and packet switching concepts, and the international organization for standardization open systems interconnection. Volume 3 covers characteristics of the Ada language, memory organization, the microprocessor, assembler statement utility programs, and the assembly of Ada programming languages. Volume 4 covers Ada Language, memory organization, the microprocessor, and assembler statement.

**3C072<sup>3/4</sup> Communications-Computer Systems Programming Craftsman**

3 Volumes: Activated Dec 95

Hours: Volumes - 27 CE - 6

Points: Volumes - 9 CE - 2

**Content:** Volume 1 discusses software engineering goals, tools, principles, and other fundamental software engineering concepts; development methodologies; information about software security policies; and software vulnerabilities. Volume 2 discusses basic math concepts, the decimal numbering system, word problems, and computer memory; data structures and data manipulation; data base concepts and design. Volume 3 covers the requirements analysis process and open systems architecture; and it presents information about the software quality process.

**3C151—Radio Communications Systems Journeyman**

3 Volumes: Activated Apr 98

Hours: Volumes - 47 CE - 12

Points: Volumes - 14 CE - 4

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**Content:** Volume 1 discusses radio wave creation, propagation, and characteristics. It also covers the electromagnetic spectrum. Volume 2 covers communications equipment principles, satellite communications, and antennas. Volume 3 deals with communications missions, security, and operations.

**3C152—Electromagnetic Spectrum Management Journeyman**

2 Volumes: Activated Nov 98

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

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**Content:** Volume 1 is a broad conglomeration of various spectrum management tasks and concerns. Volume 2 reinforces and adds to the knowledge covered in the apprentice course. It uses some of the math and calculator skills covered in volume 1.



**3C251A<sup>3/4</sup> Communications-Computer Systems Control Journeyman**

4 Volumes: Activated Oct 95

Hours: Volumes - 87 CE - 21

Points: Volumes - 29 CE - 7

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**Content:** Volume 1 deals with the mathematical and electronic fundamentals needed by systems controllers. Volume 2 covers the principles of electronic soldering and the maintenance and care of electrical connectors. Volume 3 is a study of modulation, multiplexing, and digital signaling techniques. Volume 4 covers the fundamentals of digital communications networks and data processing techniques.

**3C351—Communications-Computer Systems Planning and Implementation Management Journeyman**

4 Volumes: Activated Jun 95, Volumes 2 and 4 only, Jan 97; Revised Jan 98

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

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**Content:** Volume 1 discusses the basic elements of C4 systems technology. This includes computer hardware and software, data communications, networks, and other C4 systems. Volume 2 covers strategic, operational, and command, control, communications, and computer (C4) systems planning. Volume 3 covers the program management and implementation of C4 systems requirements. Volume 4 discusses the management of specific C-CS resources.

**(3E) Civil Engineering****3E051A-Electrical Systems Journeyman**

4 Volumes: Revised Mar 98

Hours: Volumes - 102 CE - 27

Points: Volumes - 34 CE - 9

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**Content:** Volume 1 covers safety and general subjects. Volume 2 discusses electrical and electronic fundamentals. Volume 3 discusses grounds, lightning, and static electricity. Volume 4 covers electrician's tools, materials, and devices needed to install services, service drops, service entrances, and distribution panels. It also covers the planning and laying out of work, circuit installation with nonmetallic cable, conduit, troubleshooting and maintaining distribution systems.

**Special Information:** CDC 3E051A is a prerequisite for enrollment in CDC 3E051B.

**3E051B-Electrical Systems Journeyman**

4 Volumes: Revised Nov 98

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

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**Content:** Volume 1 covers the overhead distribution system from installation of substation equipment to working on energized lines and equipment. Volume 2 covers motors and their control circuits, installation of electrical circuits in hazardous locations, appliances, cathodic protection, intrusion and fire alarms, and an introduction into third harmonics. Volume 3 discusses the basics of underground distribution, airfield lighting and street/area lighting. Volume 4 deals with specific contingency responsibilities.

### **3E052A-Electrical Power Production Journeyman**

3 Volumes: Activated October 1996

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

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**Content:** Volume 1 covers CE organization, management, and AFSC specific contingency responsibilities. Volume 2 covers electrical principles, electronic principles, grounding fundamentals, and troubleshooting. Volume 3 discusses the production of AC power, powerplant switchgears, and solid-state uninterruptible power supplies (SSUPS).

**Special Information:** CDC 3E052A or 3E051G is a prerequisite for enrollment in CDC 3E052B or 3E051H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E052G, which has a computer-based test.

### **3E052B-Electrical Power Production Journeyman**

3 Volumes: Activated Mar 1997

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 familiarizes you with the maintenance involved with gasoline and diesel engines. Volume 2 deals with the auxiliary equipment and tasks involved in the power production career field. Volume 3 contains information on aircraft arresting systems. It covers operation, construction features, maintenance and troubleshooting of the MA-1A, BAK-9, BAK-12, BAK-14, BAK-13, and MASS systems.

**Special Information:** CDC 3E052A or 3E052G is a prerequisite for enrollment in CDC 3E052B or 3E052H. Once this course is complete, it is mandatory for student to complete CDC 3E050, *General Contingency Responsibilities*. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E052H, which has a computer-based test.

**3E052G-Electrical Power Production Journeyman (with a Computer-Based Test)**

3 Volumes: Activated Sep 00

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

**SALE RESTRICTED (Copyright Material) Limited to DoD Personnel**

**Content:** Volume 1 covers CE organization, management, and AFSC specific contingency responsibilities. Volume 2 covers electrical principles, electronic principles, grounding fundamentals, and troubleshooting. Volume 3 discusses the production of AC power, powerplant switchgears, and solid-state uninterruptible power supplies (SSUPS). **Note:** The only difference between this course and course number 3E052A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E052A or 3E052G is a prerequisite for enrollment in CDC 3E052B or 3E052H.

**3E052H-Electrical Power Production Journeyman (with a Computer-Based Test)**

3 Volumes: Activated Mar 1997

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**SALE RESTRICTED (Copyright Material) Limited to DoD Personnel**

**Content:** Volume 1 familiarizes you with the maintenance involved with gasoline and diesel engines. Volume 2 deals with the auxiliary equipment and tasks involved in the power production career field. Volume 3 contains information on aircraft arresting systems. It covers operation, construction features, maintenance and troubleshooting of the MA-1A, BAK-9, BAK-12, BAK-14, BAK-13, and MASS systems. **Note:** The only difference between this course and course number 3E052B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E052A or 3E052G is a prerequisite for enrollment in CDC 3E052B or 3E052H. Once this course is complete, it is mandatory for student to complete CDC 3E050, *General Contingency Responsibilities*

**3E151A-Heating, Ventilation, Air-Conditioning, and Refrigeration Journeyman**

3 Volumes: Revised June 98

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

***SALE RESTRICTED (Copyright Material) Limited To DoD Personnel***

**Content:** Volume 1 covers civil engineer organization, career progression, civil engineer management, environmental concerns, and publications. Volume 2 discusses safety and health; HVAC/R lines, fittings, insulation, symbols, and prints; valves, soldering, and welding; and tools, equipment, and precision measuring instruments. Volume 3 pertains to electrical concepts, meters used to measure its' effects, schematic interpretation, and electrical devices that will be used in the field.

**Special Information:** CDC 3E151A or 3E151G is a prerequisite for enrollment in CDC 3E151B/C or 3E151H/I. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E151G, which has a computer-based test.

**3E151B-Heating, Ventilation, Air-Conditioning, and Refrigeration Journeyman**

4 Volumes: Revised Nov 98

Hours: Volumes - 111 CE - 27

Points: Volumes - 37 CE - 9

***SALE RESTRICTED (Copyright Material) Limited To DoD Personnel***

**Content:** Volume 1 discusses the types of fuels and fuel systems used in the Air Force; the types, operations, and maintenance of gas burners; oil burners; explains flame safeguard controls; and touches on combustion analysis and the procedures for performing an analysis on gas- and oil-fired equipment. Volume 2 discusses the operation and maintenance of the various fuel systems and fuel burning equipment. Volume 3 pertains to HVAC principles. Volume 4 pertains to HVAC systems.

**Special Information:** CDC 3E151A or 3E151G is a prerequisite for enrollment in CDCs 3E151B/C or 3E151H/I. CDs 3E151B/C may be taken in any order. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E151H, which has a computer-based test.

**3E151C-Heating, Ventilation, Air-Conditioning, and Refrigeration Journeyman**

4 Volumes: Activated Apr 1999

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7

***SALE RESTRICTED (Copyright Material) Limited To DoD Personnel***

**Content:** Volume 1 discusses air-conditioning and refrigeration systems. Volume 2 covers troubleshooting. Volume 3 discusses HVAC/R water treatment and external corrosion. Volume 4 covers operating, maintaining, troubleshooting, and repairing the various types of contingency equipment.

**Special Information:** CDC 3E151A or 3E151G is a prerequisite for enrollment in CDCs 3E151B/C or 3E151H/I. CDs 3E151B/C or 3E151H/I may be taken in any order. **Note:** Where CERTest computer-based testing is available at the ECI test

control facility, the student must be enrolled in Course 3E151I, which has a computer-based test.

**3E151G-Heating, Ventilation, Air-Conditioning, and Refrigeration Journeyman (with a Computer-Based Test)**

3 Volumes: Revised June 98

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

*SALE RESTRICTED (Copyright Material) Limited To DoD Personnel*

**Content:** Volume 1 covers civil engineer organization, career progression, civil engineer management, environmental concerns, and publications. Volume 2 discusses safety and health; HVAC/R lines, fittings, insulation, symbols, and prints; valves, soldering, and welding; and tools, equipment, and precision measuring instruments. Volume 3 pertains to electrical concepts, meters used to measure its' effects, schematic interpretation, and electrical devices that will be used in the field. **Note:** The only difference between this course and course number 3E151A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E151A or 3E151G is a prerequisite for enrollment in CDC 3E151B/C or 3E151H/I.

**3E151H-Heating, Ventilation, Air-Conditioning, and Refrigeration Journeyman (with a Computer-Based Test)**

4 Volumes: Revised Nov 98

Hours: Volumes - 111 CE - 27

Points: Volumes - 37 CE - 9

*SALE RESTRICTED (Copyright Material) Limited To DoD Personnel*

**Content:** Volume 1 discusses the types of fuels and fuel systems used in the Air Force; the types, operations, and maintenance of gas burners; oil burners; explains flame safeguard controls; and touches on combustion analysis and the procedures for performing an analysis on gas- and oil-fired equipment. Volume 2 discusses the operation and maintenance of the various fuel systems and fuel burning equipment. Volume 3 pertains to HVAC principles. Volume 4 pertains to HVAC systems. **Note:** The only difference between this course and course number 3E151B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E151A or 3E151G is a prerequisite for enrollment in CDCs 3E151B/C or 3E151H/I. CDs 3E151B/C may be taken in any order.

**3E151I-Heating, Ventilation, Air-Conditioning, and Refrigeration Journeyman (with a Computer-Based Test)**

4 Volumes: Activated Apr 1999

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7

***SALE RESTRICTED (Copyright Material) Limited To DoD Personnel***

**Content:** Volume 1 discusses air-conditioning and refrigeration systems. Volume 2 covers troubleshooting. Volume 3 discusses HVAC/R water treatment and external corrosion. Volume 4 covers operating, maintaining, troubleshooting, and repairing the various types of contingency equipment. **Note:** The only difference between this course and course number 3E151C is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E151A or 3E151G is a prerequisite for enrollment in CDCs 3E151B/C or 3E151H/I. CDs 3E151B/C or 3E151H/I may be taken in any order.

### **3E251A-Pavements and Construction Equipment Operator Journeyman**

3 Volumes: Activated Jan 97

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

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**Content:** Volume 1 covers the Civil Engineer and programs, Civil Engineer Management, Safety and Hazardous Materials, Publications, and Handtools and Powered Equipment. Volume 2 deals with drainage structures, general pavement functions, rigid pavement construction, and rigid pavement maintenance. Volume 3 deals with flexible pavement construction, flexible pavement maintenance, and fencing.

**Special Information: Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E251G, which has a computer-based test.

### **3E251B-Pavements and Construction Equipment Operator Journeyman**

3 Volumes: Activated May 97

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

***SALE RESTRICTED (Copyright Material) Limited To DoD Personnel***

**Content:** Volume 1 covers hauling equipment and materials; pavement inspection and sweeping; snow removal and ice control; and rigging, lifting, and crane operation. Volume 2 covers equipment used to excavate, fill, move, and reshape the earth. Volume 3 covers expedient repair and construction, oxyacetylene welding, and rapid runway repair operations.

**Special Information: Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E251H, which has a computer-based test.

**3E251G-Pavements and Construction Equipment Operator Journeyman (with a Computer-Based Test)**

3 Volumes: Activated Sep 00

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

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**Content:** Volume 1 covers the Civil Engineer and programs, Civil Engineer Management, Safety and Hazardous Materials, Publications, and Hand tools and Powered Equipment. Volume 2 deals with drainage structures, general pavement functions, rigid pavement construction, and rigid pavement maintenance. Volume 3 deals with flexible pavement construction, flexible pavement maintenance, and fencing. **Note:** The only difference between this course and course number 3E251A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**3E251H-Pavements and Construction Equipment Operator Journeyman (with a Computer-Based Test)**

3 Volumes: Activated Sep 00

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

***SALE RESTRICTED (Copyright Material) Limited To DoD Personnel***

**Content:** Volume 1 covers hauling equipment and materials; pavement inspection and sweeping; snow removal and ice control; and rigging, lifting, and crane operation. Volume 2 covers equipment used to excavate, fill, move, and reshape the earth. Volume 3 covers expedient repair and construction, oxyacetylene welding, and rapid runway repair operations. **Note:** The only difference between this course and course number 3E251B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**3E351A-Structural Journeyman**

2 Volumes: Activated October 1996

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 contains information about the following subjects: Base Civil Engineer programs, activities management, resources management, safety, hazardous materials environmental awareness, and publications. Volume 2 covers tools, equipment, and the basic principles of metallurgy.

**Special Information:** CDC 3E351A or 3E351G is a mandatory prerequisite for enrollment in CDC 3E351B or 3E351H. **Note:** Where CERTest computer-based

testing is available at the ECI test control facility, the student must be enrolled in Course 3E351G, which has a computer-based test.

**3E351B-Structural Journeyman**

4 Volumes: Activated May 1997

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

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**Content:** Volume 1 contains information used regarding structural layout and seams. Volume 2 covers sheet metal and fiberglass duct systems and other sheet metal components. Volume 3 covers oxyacetylene welding. Volume 4 discusses electrical arc welding and equipment.

**Special Information:** CDC 3E351A or 3E351G is a mandatory prerequisite for enrollment in CDC 3E351B or 3E351H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E351H, which has a computer-based test.

**3E351C-Structural Journeyman**

4 Volumes: Activated Jul 97

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

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**Content:** Volume 1 covers carpentry tools and equipment, materials, interior finish, estimating materials, and the installation and maintenance of doors and windows. Volume 2 provides general information about concrete structures, block and brick construction, and floor and wall tile. Volume 3 discusses built-up roofing (BUR), metal roofing and building parts, and awnings and canopies. Volume 4 deals with AFSC-specific contingency responsibilities.

**Special Information:** CDC 3E351B or 3E351H is a mandatory prerequisite for enrollment in CDC 3E351C or 3E351I. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E351I, which has a computer-based test.

**3E351G-Structural Journeyman (with a Computer-Based Test)**

2 Volumes: Activated October 1996

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 contains information about the following subjects: Base Civil Engineer programs, activities management, resources management, safety, hazardous materials environmental awareness, and publications. Volume 2 covers tools,



equipment, and the basic principles of metallurgy. **Note:** The only difference between this course and course number 3E351A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E351A or 3E351G is a mandatory prerequisite for enrollment in CDC 3E351B or 3E351H.

### **3E351H-Structural Journeyman (with a Computer-Based Test)**

4 Volumes: Activated Sep 00

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 contains information used regarding structural layout and seams. Volume 2 covers sheet metal and fiberglass duct systems and other sheet metal components. Volume 3 covers oxyacetylene welding. Volume 4 discusses electrical arc welding and equipment. **Note:** The only difference between this course and course number 3E351B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E351A or 3E351G is a mandatory prerequisite for enrollment in CDC 3E351B or 3E351H.

### **3E351I-Structural Journeyman (with a Computer-Based Test)**

4 Volumes: Activated Sep 00

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 covers carpentry tools and equipment, materials, interior finish, estimating materials, and the installation and maintenance of doors and windows. Volume 2 provides general information about concrete structures, block and brick construction, and floor and wall tile. Volume 3 discusses built-up roofing (BUR), metal roofing and building parts, and awnings and canopies. Volume 4 deals with AFSC-specific contingency responsibilities. **Note:** The only difference between this course and course number 3E351C is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E351B or 3E351H is a mandatory prerequisite for enrollment in CDC 3E351C or 3E351I.

### **3E451A-Utilities Systems Journeyman**

6 Volumes: Activated Jan 97; Volumes 1 & 6 revised June 98

Hours: Volumes - 141 CE - 36

Points: Volumes - 47 CE - 12

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 covers safety, civil engineering fundamentals and management, environmental awareness and publications. Volume 2 deals with trade fundamentals. Volume 3 covers water systems. Volume 4 deals extensively with waste systems. Volume 5 covers special systems. Volume 6 extensively explains AFS-specific contingency responsibilities in this career field during wartime.

**Special Information:** CDC 3E451A or 3E451G is a mandatory prerequisite for enrollment in CDC 3E451B or 3E451H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E451G, which has a computer-based test.

**3E451B-Utilities Systems Journeyman**

3 Volumes: Activated Apr 97

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 contains information designed to familiarize you with Mathematics, Chemistry, Biology, Physics, and Geology. Volume 2 deals with the basic fundamentals of water treatment. Volume 3 covers the basic fundamentals of wastewater treatment.

**Special Information:** CDC 3E451A or 3E451G is a mandatory prerequisite for enrollment in CDC 3E451B or 3E451H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E451H, which has a computer-based test.

**3E451G-Utilities Systems Journeyman (with a Computer-Based Test)**

6 Volumes: Activated Sep 00

Hours: Volumes - 141 CE - 36

Points: Volumes - 47 CE - 12

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 covers safety, civil engineering fundamentals and management, environmental awareness and publications. Volume 2 deals with trade fundamentals. Volume 3 covers water systems. Volume 4 deals extensively with waste systems. Volume 5 covers special systems. Volume 6 extensively explains AFS-specific contingency responsibilities in this career field during wartime. **Note:** The only difference between this course and course number 3E451A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility. **Special Information:** CDC 3E451A or 3E451G is a mandatory prerequisite for enrollment in CDC 3E451B or 3E451H.

**3E451H-Utilities Systems Journeyman (with a Computer-Based Test)**

3 Volumes: Activated Apr 97

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 contains information designed to familiarize you with Mathematics, Chemistry, Biology, Physics, and Geology. Volume 2 deals with the basic fundamentals of water treatment. Volume 3 covers the basic fundamentals of wastewater treatment.

**Note:** The only difference between this course and course number 3E451B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E451A or 3E451G is a mandatory prerequisite for enrollment in CDC 3E451B or 3E451H.

### **3E452-Liquid Fuel Systems Maintenance Journeyman**

4 Volumes: Activated Feb 98

Hours: Volumes - 99 CE - 24

Points: Volumes - 33 CE - 8

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 provides information on general subjects such as Civil Engineering management, communications, training, contingency, and safety. Volume 2 describes the LFM General Subjects such as the principles of physics, metrics and tools, pollution prevention, tank construction, tank entry, and LFM specific electrical. Volume 3 looks at the operation, inspection, and maintenance of mechanical systems components.

Volume 4 covers the operation and maintenance of the Type I, II, III, and IV hydrant systems.

**Special Information: Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E452G, which has a computer-based test.

### **3E452G-Liquid Fuel Systems Maintenance Journeyman (with a Computer-Based Test)**

4 Volumes: Activated Feb 98

Hours: Volumes - 99 CE - 24

Points: Volumes - 33 CE - 8

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 provides information on general subjects such as Civil Engineering management, communications, training, contingency, and safety. Volume 2 describes the LFM General Subjects such as the principles of physics, metrics and tools, pollution prevention, tank construction, tank entry, and LFM specific electrical. Volume 3 looks at the operation, inspection, and maintenance of mechanical systems components.

Volume 4 covers the operation and maintenance of the Type I, II, III, and IV hydrant systems. **Note:** The only difference between this course and course number 3E452 is

that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

### **3E453A-Environmental Journeyman**

3 Volumes: Activated Aug 96

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 contains information to familiarize you with safety, CE fundamentals, management, and publications. Volume 2 covers environmental management. Volume 3 covers pest management.

**Special Information:** CDC 3E453A or 3E453G is a mandatory prerequisite for enrollment in CDC 3E453B or 3E453H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E453G, which has a computer-based test.

### **3E453B-Environmental Journeyman**

3 Volumes: Activated November 1996

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

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**Content:** Volume 1 discusses how pests are classified and how and why they respond as they do. Volume 2 covers such various disease vectors as mosquitoes, flies, fleas, lice, ticks, and mites. Volume 3 addresses economic pests that destroy structures, stored foods, fabrics, and ornamental plants.

**Special Information:** CDC 3E453A or 3E453G is a mandatory prerequisite for enrollment in CDC 3E453B or 3E453H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E453H, which has a computer-based test.

### **3E453C-Environmental Journeyman**

4 Volumes: Activated Mar 97

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 covers household and venomous pests. Volume 2 looks at warm blooded pests. Volume 3 discusses pest vegetation. Volume 4 addresses specific contingency requirements during deployment for exercises, disaster relief, or war. It also covers the Reverse Osmosis Water Purification Unit (ROWPU). **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E453I, which has a computer-based test.

**Special Information:** CDC 3E453B or 3E453H is a mandatory prerequisite for enrollment in CDC 3E453C or 3E453I.

**3E453G-Environmental Journeyman (with a Computer-Based Test)**

3 Volumes: Activated Sep 00

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

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**Content:** Volume 1 contains information to familiarize you with safety, CE fundamentals, management, and publications. Volume 2 covers environmental management. Volume 3 covers pest management. **Note:** The only difference between this course and course number 3E453A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E453A 3E453G is a mandatory prerequisite for enrollment in CDC 3E453B or 3E453H.

**3E453H-Environmental Journeyman (with a Computer-Based Test)**

3 Volumes: Activated Sep 00

Hours: Volumes - 48 CE - 12

Points: Volumes - 16 CE - 4

*SALE RESTRICTED (Copyright Material) Limited to DoD Personnel*

**Content:** Volume 1 discusses how pests are classified and how and why they respond as they do. Volume 2 covers such various disease vectors as mosquitoes, flies, fleas, lice, ticks, and mites. Volume 3 addresses economic pests that destroy structures, stored foods, fabrics, and ornamental plants. **Note:** The only difference between this course and course number 3E453B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E453A or 3E453G is a mandatory prerequisite for enrollment in CDC 3E453B or 3E453H.

**3E453I-Environmental Journeyman (with a Computer-Based Test)**

4 Volumes: Activated Sep 00

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

*SALE RESTRICTED (Copyright Material) Limited to DoD Personnel*

**Content:** Volume 1 covers household and venomous pests. Volume 2 looks at warm-blooded pests. Volume 3 discusses pest vegetation. Volume 4 addresses specific contingency requirements during deployment for exercises, disaster relief, or war. It also covers the Reverse Osmosis Water Purification Unit (ROWPU). **Note:** The only difference between this course and course number 3E453C is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E453B or 3E453H is a mandatory prerequisite for enrollment in CDC 3E453C or 3E453I.

### **3E551A-Engineering Journeyman**

5 Volumes: Activated Aug 97

Hours: Volumes - 108 CE - 27

Points: Volumes - 36 CE - 9

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 provides the knowledge for general Civil Engineer subjects including Civil Engineer structure and organization, training, security, safety, publications, and Civil Engineer management. Volume 2 covers basic knowledge required for wartime tasks and responsibilities. Volume 3 provides the knowledge of mathematics needed to compute problems in surveying, engineering design, cost estimating, and materials testing. Volume 4 covers plane surveying, plane surveying equipment and its use, horizontal and vertical control, documentation of survey work, and topographic mapping and surveying. Volume 5 covers construction surveying.

**Special Information:** CDC 3E551A or 3E551G is a mandatory prerequisite for enrollment in CDC 3E551B or 3E551H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E551G, which has a computer-based test.

### **3E551B-Engineering Journeyman**

4 Volumes: Activated June 98

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

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**Content:** Volume 1 covers general drafting subjects. Volume 2 gives background information in the area of design. Volume 3 provides basic knowledge in the area of contract management. Volume 4 covers some of the basics concerning materials design and testing.

**Special Information:** CDC 3E551A or 3E551G is a mandatory prerequisite for enrollment in CDC 3E551B or 3E551H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E551H, which has a computer-based test.

### **3E551G-Engineering Journeyman (with a Computer-Based Test)**

5 Volumes: Activated Aug 97

Hours: Volumes - 108 CE - 27

Points: Volumes - 36 CE - 9

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 provides the knowledge for general Civil Engineer subjects including Civil Engineer structure and organization, training, security, safety, publications, and Civil Engineer management. Volume 2 covers basic knowledge required for wartime tasks and responsibilities. Volume 3 provides the knowledge of mathematics needed to compute problems in surveying, engineering design, cost estimating, and materials testing. Volume 4 covers plane surveying, plane surveying equipment and its use, horizontal and vertical control, documentation of survey work, and topographic mapping and surveying. Volume 5 covers construction surveying. **Note:** The only difference between this course and course number 3E551A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility. **Special Information:** CDC 3E551A or 3E551G is a mandatory prerequisite for enrollment in CDC 3E551B or 3E551H.

**3E551H-Engineering Journeyman (with a Computer-Based Test)**

4 Volumes: Activated Sep 00

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

***SALE RESTRICTED (Copyright Material) Limited to DoD Personnel***

**Content:** Volume 1 covers general drafting subjects. Volume 2 gives background information in the area of design. Volume 3 provides basic knowledge in the area of contract management. Volume 4 covers some of the basics concerning materials design and testing. **Note:** The only difference between this course and course number 3E551B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E551A or 3E551G is a mandatory prerequisite for enrollment in CDC 3E551B or 3E551H.

**3E851A-Explosive Ordnance Disposal Journeyman**

4 Volumes: Activated December 1996

Hours: Volumes - 90 CE - 24

Points: Volumes - 30 CE - 8

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**Content:** Volume 1 contains introductory information on Explosive Ordnance Disposal (EOD). Volume 2 contains general information on EOD operations. Volume 3 covers general information on EOD tools and equipment. Volume 4 covers explosive operations.

**Special Information:** CDC 3E851A or 3E851G is a prerequisite for enrollment in CDC 3E851B or 3E851H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E851G, which has a computer-based test.

### **3E851B-Explosive Ordnance Disposal Journeyman**

5 Volumes: Activated Aug 97

Hours: Volumes - 93 CE - 27

Points: Volumes - 31 CE - 9

***SALE RESTRICTED (For Official Use Only) Limited to DoD Personnel***

**Content:** Volume 1 discusses chemical and biological munitions. Volume 2 covers nuclear ordnance. Volume 3 discusses aircraft explosive devices. Volume 4 covers locating, removing, and safing of aircraft components. Volume 5 concerns EOD technical operations and EOD missions.

**Special Information:** CDC 3E851A or 3E851G is a prerequisite for enrollment in CDC 3E851B or 3E851H. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E851H, which has a computer-based test.

### **3E851G-Explosive Ordnance Disposal Journeyman (with a Computer-Based Test)**

4 Volumes: Activated Sep 00

Hours: Volumes - 90 CE - 24

Points: Volumes - 30 CE - 8

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**Content:** Volume 1 contains introductory information on Explosive Ordnance Disposal (EOD). Volume 2 contains general information on EOD operations. Volume 3 covers general information on EOD tools and equipment. Volume 4 covers explosive operations. **Note:** The only difference between this course and course number 3E851A is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E851A or 3E851G is a prerequisite for enrollment in CDC 3E851B or 3E851H.

### **3E851H-Explosive Ordnance Disposal Journeyman (with a Computer-Based Test)**

5 Volumes: Activated Aug 97

Hours: Volumes - 93 CE - 27

Points: Volumes - 31 CE - 9

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**Content:** Volume 1 discusses chemical and biological munitions. Volume 2 covers nuclear ordnance. Volume 3 discusses aircraft explosive devices. Volume 4 covers locating, removing, and safing of aircraft components. Volume 5 concerns EOD technical operations and EOD missions. **Note:** The only difference between this course



and course number 3E851B is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** CDC 3E851A or 3E851G is a prerequisite for enrollment in CDC 3E851B or 3E851H.

### **3E951-Readiness Journeyman**

4 Volumes: Revised Dec 97

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

**Content:** Volume 1 covers planning and management issues. Volume 2 explains readiness related equipment. Volume 3 deals with peacetime operations. Volume 4 covers wartime operations.

**Special Information:** Note: Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E951G, which has a computer-based test.

### **3E951G-Readiness Journeyman (with a Computer-Based Test)**

4 Volumes: Revised Dec 97

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

**Content:** Volume 1 covers planning and management issues. Volume 2 explains readiness-related equipment. Volume 3 deals with peacetime operations. Volume 4 covers wartime operations. **Note:** The only difference between this course and course number 3E951 is that the final test is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

### **54272B-Electrical Power Production Craftsman (AFSC 3E072)**

2 Volumes: Activated May 89

Hours: Volumes - 42 CE - 9

Points: Volumes - 14 CE - 3

**Content:** Volume 1 covers the essential knowledge you need to maintain gasoline and diesel engines. Volume 2 contains the essential knowledge necessary to maintain power production auxiliary equipment and aircraft arresting systems.

**Special Information:** CDC 54272A is a mandatory prerequisites for enrollment in CDC 54272B.

### **54550B-Heating, Ventilating, Air-Conditioning, and Refrigeration Journeyman (AFSC 3E151)**

5 Volumes: Activated Jun 93

Hours: Volumes - 126 CE - 33

Points: Volumes - 42 CE - 11

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**Content:** Volume 1 pertains to the basic refrigeration cycle and its application. Subjects range from the basic components to troubleshooting. Volume 2 pertains to some air-conditioning systems, residential and industrial; capacity control; air compressors; system maintenance; and troubleshooting. Volume 3 covers HVAC distribution systems, HVAC systems equipment, balancing HVAC systems, and HVAC control systems. Volume 4 provides information needed on boiler water treatment and external corrosion. Volume 5 provides knowledge needed to operate and maintain the various types of heating and cooling equipment used in contingency situations.

**Special Information:** CDC 54550A is a mandatory prerequisite for CDC 54550B. Once all Air Force specialty CDC requirements are fulfilled, it is mandatory for student to complete CDC 3E050, *General Contingency Responsibilities*.

**55151B-Pavement and Construction Equipment Journeyman (AFSC 3E251)**

3 Volumes: Activated Feb 93

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

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**Content:** Volume 1 covers hauling equipment and materials; pavement sweeping and inspection; snow removal and ice control; and rigging, lifting, and crane operation. Volume 2 deals with operating wheeled loading and compaction equipment, operating motorized graders, operating crawler tractors, and excavation equipment. Volume 3 deals with AFSC specific contingency responsibilities. It covers expedient repair and construction, oxyacetylene welding, and rapid runway repair operations.

**Special Information:** CDC 55151A is a mandatory prerequisite for CDC 55151B. Once all Air Force specialty CDC requirements are fulfilled, it is mandatory for student to complete CDC 3E050, *General Contingency Responsibilities*.

**55250B-Structural Journeyman (AFSC 3E351)**

4 Volumes: Activated Jan 93

Hours: Volumes - 66 CE - 18

Points: Volumes - 22 CE - 6

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**Content:** Volume 1 contains information about built-up roofing, metal roofing and building parts, and awnings and canopies. Volume 2 is designed to familiarize you with the types of ceiling and wall coverings, stairs and material estimation, exterior doors and windows, interior doors, vehicle and equipment facility doors, and hoist and cranes. Volume 3 provides general information about concrete structures, block and brick construction, and floor and wall tile. Volume 4 deals with AFSC specific contingency responsibilities. It covers expedient repair and destruction, career field specific contingency responsibilities, and fencing.

Special Information: CDC 55250A is a mandatory prerequisite for enrollment in CDC 55250B. Once all Air Force specialty CDC requirements are fulfilled, it is mandatory for student to complete CDC 3E050, *General Contingency Responsibilities*.

### **55252B-Metal Fabricating Specialist (AFSC 55252)**

4 Volumes: Activated Nov 91

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

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**Content:** Volume 1 contains information about the fixed utility equipment, awnings and canopies, metal roofing and building parts, doors and gates, and hoists and cranes. Volume 2 provides knowledge of oxyacetylene welding. Volume 3 covers the different types of electric arc welding equipment and continues through pipe welding. Volume 4 deals with CE general contingency responsibilities.

**Special Information:** CDCs 55250A and 55250B replaced CDC 55252B. CDC 55252B will remain active for present students.

### **56651B-Utilities System Journeyman (AFSC 3E451)**

5 Volumes: Activated Jun 93

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

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**Content:** Volume 1 covers information needed to install and maintain waste systems. Volume 2 covers sewage sampling, safety, equipment, and reagents; operation of sewage plants and systems; and sewage plant equipment maintenance. Volume 3 discusses electrical concepts, operation and maintenance of pumps and motors, and appurtenances. Volume 4 covers fire protection systems, backflow prevention and irrigation systems, gas systems, and medical systems. Volume 5 pertains to AFSC specific contingency.

**Special Information:** CDC 56651A is a mandatory prerequisite for CDC 56651B. Once all Air Force specialty CDC requirements are fulfilled, it is mandatory for student to complete CDC 3E050, *General Contingency Responsibilities*.

## **(3E) Civil Engineering—Fire Protection Responsibilities.**

### **10023-Apparatus Driver/Operator-Pumper**

Course Activated: Mar 00

Hours: Volume - 81 CE - 21

Points: Volume - 27 CE - 7

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator -

Pumper certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and the standards to which they must be performed. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10023G which has a computer-based final exam.

**Note:** Both Courses 10023 and 10027 must be completed with a 12-month period, and Course 10027 must be completed first.

### **10023G-Apparatus Driver/Operator-Pumper (with a Computer-Based Final Exam)**

Course Activated: Aug 00

Hours: Volume - 81 CE - 21

Points: Volume - 27 CE - 7

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator - Pumper certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and the standards to which they must be performed. **Note:** The only difference between this course and course number 10023 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

### **10024-Apparatus Driver/Operator-Aerial**

Course Activated: Mar 00

Hours: Volume - 30 CE - 9

Points: Volume - 10 CE - 3

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator - Aerial certification level. This volume outlines all requirements set forth in NFPA Standard 1002 Standard (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Course 10024 is not mandatory for Air Force military personnel in 3E751 upgrade training. This course is only applicable to those bases that have aerials assigned. The written test for 10024 will cover general information common to aerials. After passing the written test, the candidate will take a practical test on an aerial device to obtain the driver/operator - aerial certification certificate. Candidates are required to complete this course in 12 months. **Note:** Where CERTest computer-based

testing is available at the ECI test control facility, the student must be enrolled in Course 10024G which has a computer-based final exam.

### **10024G-Apparatus Driver/Operator-Aerial (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 30 CE - 9

Points: Volume - 10 CE - 3

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator - Aerial certification level. This volume outlines all requirements set forth in NFPA Standard 1002 Standard (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Note:** The only difference between this course and course number 10024 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** Course 10024G is not mandatory for Air Force military personnel in 3E751 upgrade training. This course is only applicable to those bases that have aerials assigned. The written test for 10024G will cover general information common to aerials. After passing the written test, the candidate will take a practical test on an aerial device to obtain the driver/operator - aerial certification certificate. Candidates are required to complete this course in 12 months.

### **10025-Apparatus Driver/Operator-Tiller**

Course Activated: Mar 00

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator - Tiller certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Course 10025 is not mandatory for Air Force military personnel in 3E751 upgrade training. This course should only be taken by personnel at bases that have tillers assigned. The written test for 10025 will cover general information common to tillers. After passing the written test, the candidate will take a practical test on a tiller device to obtain the driver/operator-tiller certification. Candidates are required to complete this course in 12 months. **Note:** Where CERTest computer-based testing is

available at the ECI test control facility, the student must be enrolled in Course 10025G which has a computer-based final exam.

**10025G-Apparatus Driver/Operator-Tiller (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator - Tiller certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 10025 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** Course 10025G is not mandatory for Air Force military personnel in 3E751 upgrade training. This course should only be taken by personnel at bases that have tillers assigned. The written test for 10025G will cover general information common to tillers. After passing the written test, the candidate will take a practical test on a tiller device to obtain the driver/operator-tiller certification. Candidates are required to complete this course in 12 months.

**10027-Apparatus Driver/Operator Aircraft Rescue & Fire Fighting Vehicles**

Course Activated: Aug 00

Hours: Volume - 81 CE - 21

Points: Volume - 27 CE - 7

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator Aircraft Rescue and Fire Fighting Vehicles certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and the standards to which they must be performed. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10027G which has a computer-based final exam.

**Note:** Both Courses 10023 and 10027 must be completed within a 12-month period, and Course 10027 must be completed first.

**10027G-Apparatus Driver/Operator Aircraft Rescue & Fire Fighting Vehicles (with a Computer-Based Final Exam)**

Course Activated: Aug 00

Hours: Volume - 81 CE - 21

Points: Volume - 27 CE - 7

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator Aircraft Rescue and Fire Fighting Vehicles certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and the standards to which they must be performed. **Note:** The only difference between this course and course number 10027 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

### **10028-Apparatus Driver/Operator-Water Tender**

Course Activated: Mar 00

Hours: Volume - 81 CE - 21

Points: Volume - 27 CE - 7

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator - Tiller certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Course 10028 is not mandatory for Air Force military personnel in 3E751 upgrade training. This course should only be taken by personnel at bases that have tillers assigned. The written test for 10028 will cover general information common to tillers. After passing the written test, the candidate will take a practical test on a tiller device to obtain the driver/operator-tiller certification. Candidates are required to complete this course in 12 months. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10028G which has a computer-based final exam.

### **10028G-Apparatus Driver/Operator-Water Tender (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 81 CE - 21

Points: Volume - 27 CE - 7

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects fire fighters are required to know in order to perform their duties and achieve the Driver/Operator - Tiller certification level. This volume outlines all requirements set forth in NFPA Standard 1002 (1998 Edition) Fire Apparatus Driver/Operator Professional Qualifications. The Performance Test Supplement provides detailed performance test

information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 10028 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** Course 10028G is not mandatory for Air Force military personnel in 3E751 upgrade training. This course should only be taken by personnel at bases that have tillers assigned. The written test for 10028G will cover general information common to tillers. After passing the written test, the candidate will take a practical test on a tiller device to obtain the driver/operator-tiller certification. Candidates are required to complete this course in 12 months.

### **10213-Fire Officer III**

Course Activated: Jan 97

Hours: Volume - 120 CE - 30

Points: Volume - 40 CE - 10

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer III certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Course 10213 is not mandatory for Air Force skill level upgrade training. The prerequisites for this course are 57170E-Fire Officer II and 10412 - Fire Service Instructor II. Candidates are required to complete this course in 12 months.

**Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10213G which has a computer-based final exam.

### **10213G-Fire Officer III (with a Computer-Based Final Exam)**

Course Activated: Jun 00

Hours: Volume - 120 CE - 30

Points: Volume - 40 CE - 10

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer III certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 10213 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** Course 10213 is not mandatory for Air Force skill level upgrade



training. The prerequisites for this course are 57170E-Fire Officer II and 10412 - Fire Service Instructor II. Candidates are required to complete this course in 12 months.

### **10214-Fire Officer IV**

Course Activated: Jul 97

Hours: Volume - 12 CE - 3

Points: Volume - 4 CE - 1

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer IV certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Course 10214 is not mandatory for Air Force skill level upgrade training. The prerequisite for this course is 10213 - Fire Officer III. Candidates are required to complete this course in 12 months. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10214G which has a computer-based final exam.

### **10214G-Fire Officer IV (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 12 CE - 3

Points: Volume - 4 CE - 1

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer IV certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 10214 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** Course 10214 is not mandatory for Air Force skill level upgrade training. The prerequisite for this course is 10213 - Fire Officer III. Candidates are required to complete this course in 12 months.

### **10311-Fire Inspector I**

Course Activated: Jul 96

Hours: Volume - 108 CE - 27

Points: Volume - 36 CE - 9

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD Fire Inspectors are required to know in order to perform duties and receive/achieve the Fire Inspector I certification level. All requirements set forth are outlined in NFPA Standard

1031 (1993 Edition) Professional Qualifications for Fire Inspector. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps and standards to which they must be performed. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10311G which has a computer-based final exam.

**Special Information:** This course is mandatory for Air Force military fire fighters in AFSC 3E771 upgrade training who were not able to obtain a Goodfellow AFB in-residence course quota while they were completing the Fire Officer I and Fire Instructor I certification courses. Candidates are required to complete this course in 12 months.

### **10311G-Fire Inspector I (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 108 CE - 27

Points: Volume - 36 CE - 9

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD Fire Inspectors are required to know in order to perform duties and receive/achieve the Fire Inspector I certification level. All requirements set forth are outlined in NFPA Standard 1031 (1993 Edition) Professional Qualifications for Fire Inspector. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps and standards to which they must be performed. **Note:** The only difference between this course and course number 10311 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** This course is mandatory for Air Force military fire fighters in AFSC 3E771 upgrade training who were not able to obtain a Goodfellow AFB in-residence course quota while they were completing the Fire Officer I and Fire Instructor I certification courses. Candidates are required to complete this course in 12 months.

### **10312-Fire Inspector II**

Course Activated: Nov 96

Hours: Volume - 108 CE - 27

Points: Volume - 36 CE - 9

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD Fire Inspectors are required to know in order to perform duties and receive/achieve the Fire Inspector II certification level. All requirements set forth are outlined in NFPA Standard 1031 (1993 Edition) Professional Qualifications for Fire Inspector. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps and standards to which they must be performed.

**Special Information:** For personnel who have not previously received a DoD Fire Inspector I certification certificate, course 10311 or 10311G is a prerequisite to course 10312. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10312G which has a computer-based final exam.

**10312G-Fire Inspector II (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 108 CE - 27

Points: Volume - 36 CE - 9

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD Fire Inspectors are required to know in order to perform duties and receive/achieve the Fire Inspector II certification level. All requirements set forth are outlined in NFPA Standard 1031 (1993 Edition) Professional Qualifications for Fire Inspector. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps and standards to which they must be performed. **Note:** The only difference between this course and course number 10312 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** For personnel who have not previously received a DoD Fire Inspector I certification certificate, course 10311 or 1031G is a prerequisite to course 10312G.

**10313-Fire Inspector III**

Course Activated: Nov 96

Hours: Volumes - 108 CE - 27

Points: Volumes - 36 CE - 9

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD Fire Inspectors are required to know in order to perform duties and receive/achieve the Fire Inspector III certification level. All requirements set forth are outlined in NFPA Standard 1031 (1993 Edition) Professional Qualifications for Fire Inspector. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps and standards to which they must be performed. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10313G which has a computer-based final exam.

**Special Information:** For personnel who have not previously received a DoD Fire Inspector II certification certificate, course 10312 or 10312G is a prerequisite to course 10313.

**10412-Fire Service Instructor II**

Course Activated: Jun 95

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and achieve the Fire Service Instructor II certification level. This volume outlines all requirements set forth in NFPA Standard 1041 (1992 Edition) Fire Service Instructor Professional Qualifications. The Performance Test Supplement provides detailed performance test information for

candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Course 10412 is not mandatory for Air Force skill level upgrade training. For personnel who have not previously received a DoD Fire Instructor I certification certificate, course 57170B is a prerequisite to course 10412. Candidates are required to complete this course in 12 months. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10412G which has a computer-based final exam.

### **10412G-Fire Service Instructor II (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and achieve the Fire Service Instructor II certification level. This volume outlines all requirements set forth in NFPA Standard 1041 (1992 Edition) Fire Service Instructor Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 10412 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** For personnel who have not previously received a DoD Fire Instructor I certification certificate, course 57170B is a prerequisite to course 10412. Candidates are required to complete this course in 12 months.

### **10413-Fire Service Instructor III**

Course Activated: Jun 95

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform their duties and achieve the Fire Service Instructor III certification level. This volume outlines all requirements set forth in NFPA Standard 1041 (1992 Edition) Fire Service Instructor Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** For personnel who have not previously received a Fire Instructor I and II certification, courses 57170B and 10412 are prerequisites to 10413. Candidates are required to complete this course in 12 months. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 10413G which has a computer-based final exam.

### **10413G-Fire Service Instructor III (with a Computer-Based Final Exam)**

1 Volume: Activated Dec 00

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform their duties and achieve the Fire Service Instructor III certification level. This volume outlines all requirements set forth in NFPA Standard 1041 (1992 Edition) Fire Service Instructor Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 10413 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** For personnel who have not previously received a Fire Instructor I and II certification, courses 57170B and 10412 are prerequisites to 10413. Candidates are required to complete this course in 12 months.

### **3E731-Fire Fighter I**

Course Activated: Dec 94

Hours: Volume - 72 CE - 18

Points: Volume - 24 CE - 6

**Content:** Volume 1, Instructor Guide Sheets, outlines the subjects that fire fighters are required to know in order to perform their duties and achieve the Fire Fighter I certification level. This volume outlines all requirements set forth in NFPA Standard 1001 (1992 Edition) Fire Fighter Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Personnel that have graduated from the Goodfellow AFB Apprentice Fire Protection Specialist Course are not required to take this course. Personnel enrolling in the 3E731 must also enroll in and complete course 47201 or 47201G, Hazardous Materials Awareness, in order to meet all requirements of NFPA Standard 1001. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E731G which has a computer-based final exam.

### **3E731G-Fire Fighter I (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 72 CE - 18

Points: Volume - 24 CE - 6

**Content:** Volume 1, Instructor Guide Sheets, outlines the subjects that fire fighters are required to know in order to perform their duties and achieve the Fire Fighter I certification level. This volume outlines all requirements set forth in NFPA Standard 1001 (1992 Edition) Fire Fighter Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluations

and includes the elements, steps, and standards to which they must be performed.

**Note:** The only difference between this course and course number 3E731 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** Personnel that have graduated from the Goodfellow AFB Apprentice Fire Protection Specialist Course are not required to take this course. Personnel enrolling in the 3E731 must also enroll in and complete course 47201 or 47201G, Hazardous Materials Awareness, in order to meet all requirements of NFPA Standard 1001.

### **3E751A-Fire Fighter II**

Course Activated: Dec 94

Hours: Volume - 39 CE - 9

Points: Volume - 13 CE - 3

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects that fire fighters are required to know in order to perform their duties and achieve Fire Fighter II certification level. This volume outlines all requirements set forth in NFPA Standard 1001 (1992 Edition) Fire Fighter Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluation and includes the elements, steps, and standards to which they must be performed.

**Special Information:** For personnel who have not been DoD certified at the Fire Fighter I and Hazardous Materials Operations levels, courses 3E731 or 3E731G and 47202 or 47202G are prerequisites for this course. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E751G which has a computer-based final exam.

### **3E751E-Airport Fire Fighter**

Course Activated: Jan 96

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects airport fire fighters are required to know in order to perform their duties and achieve the Airport Fire Fighter certification level. This volume outlines all requirements set forth in NFPA Standard 1003 (1994 Edition) Professional Qualifications for Airport Fire Fighters. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** For personnel who have not been DoD certified at the Fire Fighter I and Hazardous Materials Operations levels, courses 3E731 or 3E731G and 47202 or 47202G are prerequisites for this course. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 3E751K which has a computer-based final exam.

**3E751G-Fire Fighter II (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 39 CE - 9

Points: Volume - 13 CE - 3

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects that fire fighters are required to know in order to perform their duties and achieve Fire Fighter II certification level. This volume outlines all requirements set forth in NFPA Standard 1001 (1992 Edition) Fire Fighter Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate evaluation and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 3E751A is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** For personnel who have not been DoD certified at the Fire Fighter I and Hazardous Materials Operations levels, courses 3E731 or 3E731G and 47202 or 47202G are prerequisites for this course.

**3E751K-Airport Fire Fighter (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects airport fire fighters are required to know in order to perform their duties and achieve the Airport Fire Fighter certification level. This volume outlines all requirements set forth in NFPA Standard 1003 (1994 Edition) Professional Qualifications for Airport Fire Fighters. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 3E751E is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** For personnel who have not been DoD certified at the Fire Fighter I and Hazardous Materials Operations levels, courses 3E731 or 3E731G and 47202 or 47202G are prerequisites for this course.

**47201-Hazardous Materials (Awareness)**

1 Volume: Activated Mar 00

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1

**Content:** Volume 1, Instructor Guide Sheets/Performance Tests, contains the subjects DoD personnel are required to know in order to perform their duties and achieve the Hazardous Materials Awareness certification level. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. Because of the limited number of

performance test items in this course, they have been included in this volume. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** This course is a prerequisite to course 47202 or 47202G unless the candidate is already DoD certified at this level. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 47201G which has a computer-based final exam.

#### **47201G-Hazardous Materials (Awareness) (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1

**Content:** Volume 1, Instructor Guide Sheets/Performance Tests, contains the subjects DoD personnel are required to know in order to perform their duties and achieve the Hazardous Materials Awareness certification level. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. Because of the limited number of performance test items in this course, they have been included in this volume. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 47201 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** This course is a prerequisite to course 47202 or 47202G unless the candidate is already DoD certified at this level.

#### **47201M-Hazardous Materials Awareness Emergency Response Training**

1 Volume: Activated Jan 01

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1

**Content:** This interactive multimedia CD-ROM contains the subjects DoD personnel are required to know in order to perform their duties and achieve the Hazardous Materials Awareness certification level. This CD-ROM outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** This course is an electronic based course with a paper based course final exam.

**Special Information:** This course is a prerequisite to course 47202, 47202G, 47202M, or 47202S unless the candidate is already DoD certified at this level. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the



student must be enrolled in Course 47201G or 47201S, which have a computer-based final exam.

### **47202-Hazardous Material (Operations)**

1 Volume: Activated Mar 00

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD personnel are required to know in order to perform their duties and achieve the Hazardous Materials Operations certification level. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must perform.

**Special Information:** This course is a prerequisite to courses 47203 or 47203G and 47205 or 47205G. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 47202G which has a computer-based final exam.

### **47202G-Hazardous Material (Operations) (with a Computer-Based Final Exam)**

1 Volume: Activated Dec 00

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD personnel are required to know in order to perform their duties and achieve the Hazardous Materials Operations certification level. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must perform. **Note:** The only difference between this course and course number 47202 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** This course is a prerequisite to courses 47203 or 47203G and 47205 or 47205G.

### **47202M-Hazardous Materials/Operations Emergency Response Training**

1 Volume: Activated Jan 01

Hours: Volume – 24 CE – 6

Points: Volume – 8 CE – 2

**Content:** This interactive multimedia CD-ROM contains the subjects DoD personnel are required to know in order to perform their duties and achieve the Hazardous Materials Operation certification level. This CD-ROM outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to

Hazardous Materials Incidents. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must perform. Note: This is an electronic based course with a paper based course final exam.

**Special Information:** This course is a prerequisite to courses 47203, 47203G, 47203M or 47203S and 47205, 47205G, 47205M or 47205S. Note: Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 47202G or 47202S which have a computer-based final exam.

### **47203-Hazardous Materials (Technician)**

1 Volume: Activated Mar 00

Hours: Volume - 24 CE - 6

Points: Volume - 8 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD personnel are required to know in order to perform duties and achieve the Hazardous Materials Operations certification level. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. The Performance Test Supplement provides detailed performance test information for candidate evaluation and includes elements, steps, and standards to which they must perform.

**Special Information:** See course 47202 or 47202G for prerequisite information.

**Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 47203G which has a computer-based final exam.

### **47203G-Hazardous Materials (Technician) (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 42 CE - 12

Points: Volume - 14 CE - 4

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD personnel are required to know in order to perform duties and achieve the Hazardous Materials Operations certification level. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. The Performance Test Supplement provides detailed performance test information for candidate evaluation and includes elements, steps, and standards to which they must perform. **Note:** The only difference between this course and course number 47203 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** See course 47202 or 47202G for prerequisite information.

### **47205-Hazardous Materials (Incident Commander)**

Course Activated: Mar 00

Hours: Volume - 6 CE - 3

Points: Volume - 2 CE - 1

**Content:** Volume 1, Instructor Guide Sheets/Performance Tests, contains the subjects DoD personnel are required to know in order to perform duties and achieve the Hazardous Materials Incident Commander certification. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. Because of the limited number of performance test items in this course, they have been included in this volume. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed.

**Special Information:** See course 47202 or 47202G for prerequisite information.

**Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 47205G which has a computer-based final exam.

#### **47205G-Hazardous Materials (Incident Commander) (with a Computer-Based Final Exam)**

1 Volume: Activated Dec 00

Hours: Volume - 18 CE - 6

Points: Volume - 6 CE - 2

**Content:** Volume 1, Instructor Guide Sheets/Performance Tests, contains the subjects DoD personnel are required to know in order to perform duties and achieve the Hazardous Materials Incident Commander certification. This volume outlines all requirements set forth in NFPA Standard 472 (1997 Edition) Professional Competence for Responders to Hazardous Materials Incidents. Because of the limited number of performance test items in this course, they have been included in this volume. The Performance Test Supplement provides detailed performance test information for candidate evaluations and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 47205 is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** See course 47202 and/or 47202G for prerequisite information.

#### **57170A-Fire Officer I (AFSC 3E771)**

Course Activated: May 94

Hours: Volume - 72 CE - 18

Points: Volume - 24 CE - 6

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer I certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test

Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed.

**Special Information:** See 57170A and 10311. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 57170H which has a computer-based final exam.

### **57170B-Fire Service Instructor I (AFSC 3E771)**

Course Activated: May 94

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Service Instructor I certification level. This volume outlines all requirements set forth in NFPA Standard 1041 (1992 Edition) Fire Service Instructor Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps and standards to which they must be performed.

**Special Information:** For Air Force military fire fighters entering upgrade training to AFSC 3E771, the following courses are mandatory: 57170A, Fire Officer I, 57170B, Fire Service Instructor I and 10311, Fire Inspector I. For Air Force military personnel in upgrade training, the 57170A/B courses must be ordered at the same time and the candidates are required to complete both courses within 12 months. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 57170G which has a computer-based final exam. See the Special Information section of course 10311 for specific information concerning the Fire Inspector I course requirement.

### **57170E-Fire Officer II (AFSC 3E771)**

Course Activated: May 94

Hours: Volume - 90 CE - 24

Points: Volume - 30 CE - 8

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer II certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed.

**Special Information:** Courses 57170E or 57170K are not mandatory for Air Force skill level upgrade training. The prerequisites for this course are 57170A or G - Fire Officer I and 57170B or H - Fire Service Instructor I. Candidates are required to complete this course in 12 months. **Note:** Where CERTest computer-based testing is available at the ECI test control facility, the student must be enrolled in Course 57170K which has a computer-based final exam.

**57170G-Fire Officer I (AFSC 3E771) (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 72 CE - 18

Points: Volume - 24 CE - 6

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer I certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 57170A is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** For Air Force military fire fighters entering upgrade training to AFSC 3E771, the following courses are mandatory: 57170A or G, Fire Officer I, 57170B or H, Fire Service Instructor I and 10311 or 10311G, Fire Inspector I. For Air Force military personnel in upgrade training, the 57170A/B courses must be ordered at the same time and the candidates are required to complete both courses within 12 months. See the Special Information section of course 10311 for specific information concerning the Fire Inspector I course requirement.

**57170H-Fire Service Instructor I (AFSC 3E771) (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 27 CE - 6

Points: Volume - 9 CE - 2

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Service Instructor I certification level. This volume outlines all requirements set forth in NFPA Standard 1041 (1992 Edition) Fire Service Instructor Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps and standards to which they must be performed. **Note:** The only difference between this course and course number 57170B is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** See 57170G and 10311G.

**57170K-Fire Officer II (AFSC 3E771) (with a Computer-Based Final Exam)**

1 Volume: Activated Sep 00

Hours: Volume - 90 CE - 24

Points: Volume - 30 CE - 8

**Content:** Volume 1, Instructor Guide Sheets, contains the subjects DoD fire fighters are required to know in order to perform duties and receive/achieve the Fire Officer II

certification level. This volume outlines all requirements set forth in NFPA Standard 1021 (1992 Edition) Fire Officer Professional Qualifications. The Performance Test Supplement provides detailed performance test information for candidate testing and includes the elements, steps, and standards to which they must be performed. **Note:** The only difference between this course and course number 57170E is that the course final exam is taken using the CERTest Computer-Based Testing Program at an ECI Test Control Facility.

**Special Information:** Courses 57170E or 57170K are not mandatory for Air Force skill level upgrade training. The prerequisites for this course are 57170A or G - Fire Officer I and 57170B or H - Fire Service Instructor I. Candidates are required to complete this course in 12 months.

### **(3H) Historian**

#### **3H051M<sup>3/4</sup> Historian Journeyman (Multimedia CD-ROM)**

1 Volume: Activated Dec 97; Revised May 1999

Hours: Volumes - 18 CE - 3

Points: Volumes - 6 CE - 1

**CD Multimedia Course:** 3H051M, Historian multimedia CD-ROM, was activated on 22 Dec 97 and Version 2 was activated 12 May 1999 and is open for enrollment. There is no equivalent paper-based CDC. The Historian Journeyman consists of one volume with twelve lessons. Enrollments must be accomplished through BLPS for all active duty Air Force, Guard, and Reserve personnel. ECI Form 23 can be used for all other categories. The student has a 12-month time limit to complete the course. The course exams will be paper-based.

#### **System Requirements:**

**Minimum:** IBM Compatible Computer with a 486SX CPU operating at 66 MHz, 8Mb of RAM, WINDOWS 3.1 or greater, a VGA monitor with 256 color capable video card, a four-speed or greater CD-ROM drive, a 16-bit sound card, and a mouse.

**Recommended:** IBM compatible computer with a 586DX CPU operating at 100 MHz or faster, 8 Mb of RAM, and WINDOWS 3.1 or WINDOWS 95, SVGA monitor with 1Mb video card, a four-speed CD-ROM drive with a sound card and speakers or a headset, Internet capability, and a mouse. Internet is not required for course completion.

**NOTE:** Audio capability is required since sound is used throughout the course.

**For Information/Help:** Concerning program administration, call TSgt Mark Stanley (CPD/HO) at DSN 493-7879, commercial 334-953-7879, or ECI Team 2 at DSN 493-2322 or answering machine at DSN 493-7879, commercial 334-416-4985.

Concerning technical questions on the CD-ROM, call TSgt Stanley.

## **(3M) Morale, Welfare, Recreation, and Services**

### **3M051A<sup>3/4</sup>Services Journeyman**

2 Volumes: Activated Apr 98

Hours: Volumes - 27 CE - 9

Points: Volumes - 9 CE - 2

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**Content:** Volume 1 pertains to the Service Core Training concepts. Volume 2 covers fundamentals of food preparation, menu planning, troop support, PC troop, and prime vendor.

**Special Information:** CDC 3M051A is a mandatory prerequisite for CDC 3M051B. Both CDCs must be completed within one year.

### **3M051B<sup>3/4</sup>Services Journeyman**

3 Volumes: Activated Apr 98

Hours: Volumes - 33 CE - 11

Points: Volumes - 11 CE - 3

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**Content:** Volume 1 deals with readiness. Volume 2 contains information on lodging operations. Volume 3 pertains to safety, fitness center operations, sports, equipment, and nutrition.

**Special Information:** CDC 3M051A is a mandatory prerequisite for CDC 3M051B. Both CDCs must be completed within one year.

### **3M071A—Services Core Management Craftsman**

1 Volume: Revised December 96

Hours: Volume - 18 CE - 6

Points: Volume - 6 CE - 2

**Content:** This volume, *Services Core Management*, covers Services training concepts, Services human resource management, resource management, inventory management, and contracting.

### **3M071B—Lodging Management Craftsman**

1 Volume: Revised Apr 98

Hours: Volume - 9 CE - 3

Points: Volume - 3 CE - 1

**Content:** This one volume course covers subjects ranging from quarters' and personnel management and front desk management to nonappropriated fund financial management (NAF).

### **3M071C<sup>3/4</sup>Services Craftsman**

1 Volume: Revised Apr 98

Hours: Volume - 6 CE - 3

Points: Volume - 2 CE - 1

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**Content:** This one volume course pertains to fitness centers. It covers fitness management, equipment management, and program goals and objectives.

### **3M071D<sup>3</sup>/<sub>4</sub> Readiness and Plans Craftsman**

1 Volume: Revised Apr 98

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

**Content:** This one volume course pertains to mortuary and readiness operations.

### **3M071E<sup>3</sup>/<sub>4</sub> Food Service Management Craftsman**

1 Volume: Revised Apr 98

Hours: Volume - 18 CE - 6

Points: Volume - 6 CE - 2

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**Content:** This one volume course pertains to various aspects involved in managing AF dining facilities.

### **3M071F—Troop Support Management Craftsman**

1 Volume: Activated September 95

Hours: Volume - 6 CE - 3

Points: Volume - 2 CE - 1

**Content:** This volume, *Troop Support Management*, pertains to various aspects involved in managing Air Force Troop Support facilities. The subjects covered in this volume range from troop support contracts, charge sales, excess stock procedures, inventories, requirements, requisitioning, and receiving.

## **(3N) Public Affairs**

### **3N051A—Public Affairs Journeyman**

3 Volumes: Activated Feb 96

Hours: Volumes - 72 CE - 18

Points: Volumes - 24 CE - 6

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**Content:** Volume 1 covers the career field, communications law, internal communications programs, and the responsibilities of supervising the base newspaper and internal communications sections. Volume 2 covers writing for the newspaper, editing the newspaper, and visual communication principals. Volume 3 covers



newspaper design techniques, broadcast writing, and electronic journalism and news gathering methods.

**Special Information:** CDC 3N051A is a mandatory prerequisite for enrollment in CDC 3N051B.

### **3N051B—Public Affairs Journeyman**

2 Volumes: Activated June 96

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

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**Content:** Volume 1 covers public communication. Volume 2 discusses the various aspects of public affairs management.

**Special Information:** CDC 3N051A is a mandatory prerequisite for enrollment in CDC 3N051B.

### **79151—Radio and Television Broadcasting Journeyman (AFSC 3N052)**

2 Volumes: Revised May 89

Hours: Volumes - 78 CE - 18

Points: Volumes - 26 CE - 6

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**Content:** Volume 1 discusses the common “tools” of broadcasting, their functions and applications, and fundamental audio and video production techniques. This knowledge will enable you to work “smarter, not harder,” and maximize your production resources. Volume 2 introduces the production team and individual production responsibilities, and various strategic for planning, producing, and editing video productions. Also, ENG/EFP production techniques and strategies are discussed, along with a review of the latest FM program automation system and techniques you can use to improve your own announcing skills.

## **(3P) Security Police**

### **3P051—Security Forces Journeyman**

5 Volumes: Activated Feb 1999; Revised May 2000

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

**Content:** Volume ranges from the history of the security forces to military law to traffic management. Volume 2 covers programs response situations and protection measures associated with protecting our warfighting assets. Volume 3 deals with combat skills needed for force protection. Volume 4 covers how to utilize certain security for equipment. Volume 5 presents some of the different types of weapons you may encounter within security forces.

**3P051A—Security Journeyman**

3 Volumes: Activated Jul 94; Reactivated May 1999

Hours: Volumes - 27CE - 6

Points: Volumes - 9 CE - 2

**Content:** Volume 1 covers general Security Police functions performed by both law enforcement and security personnel. It covers legal considerations and provisions, post activities and communications, and hazards related to Security Police. Volume 2 discusses aerospace system security, threats to military installations and resources, and additional Security Police duties and programs. Volume 3 covers security post procedures, tactical procedures, and incident procedures.

**3P051B—Ground Combat Skills**

1 Volume: Activated Aug 94; Reactivated May 1999

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

**Content:** This course covers the basic concepts of airbase defense, establishing a defensive sector and squad/sector detachments, individual combat skills, such as map reading, land navigation/terrain association, and communications and personal hygiene.

**3P051C—Combat Arms Journeyman**

3 Volumes: Activated Jan 99

Hours: Volume - 33 CE - 9

Points: Volume - 11 CE - 3

**Content:** Volume 1 contains a general overview of the duties and responsibilities of Combat Arms personnel, armory duties, and some specific information on ammunition. Volume 2 covers the inspection and maintenance of the primary weapons on which you provide training. Volume 3 covers the principles and techniques of instruction with special emphasis on the fundamentals of marksmanship, training aids, and student evaluation and measurement.

**3P051D—Military Working Dog Journeyman**

1 Volume: Activated Dec 98

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

**Content:** This one volume course deals with the military working dog (MWD) program. It covers various aspects of this unique security forces program.

**3P052A—Law Enforcement Journeyman**

3 Volumes: Activated Jul 94; Reactivated May 1999

Hours: Volume - 36 CE - 9

Points: Volume - 12 CE - 3

**Content:** Volume 1 covers general Security Police functions performed by both law enforcement and security personnel. It covers legal considerations and provisions, post activities and communications, and hazards related to Security Police. Volume 2 discusses basic law enforcement operations, Security Police procedure, and tactics. Volume 3 deals with Security Police programs.

### **3P071—Security Forces Craftsman**

4 Volumes: Activated Jul 96; Revised to 4 Volumes Sep 1999; Revised Volume 3 Jun 2000

Hours: Volume - 69 CE - 18

Points: Volume - 23 CE - 6

**Content:** Volume 1 covers general security force knowledge; the Use of Force Model; military authority and jurisdiction; general security forces operations; security programs; and weapons systems and resource security. Volume 2 discusses land navigation and communications skills. Volume 3 pertains to equipment and skills that multiply and enhance our ability to take the fight to the enemy. Volume 4 covers ground combat skills.

## **(3R) Printing Management**

### **70350—Printing Management Journeyman (AFSC 3R051)**

2 Volumes: Revised Jan 90

Hours: Volumes - 30 CE - 9

Points: Volumes - 10 CE - 3

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**Content:** Volume 1 covers management and supervision orientation; ancillary programs, operational limitations, and production criteria; cost and production accounting; and resource management and the readiness posture. Volume 2 covers reprographic equipment, copier program implementation, copier program documentation, and federal printing program.

## **(3S) Mission Support**

### **3S051A—Personnel Journeyman**

3 Volumes: Revised Jul 97

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

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**Content:** Volume 1 covers Personnel Career Field, Disclosure of Information, Systems Fundamentals, Personnel Concept-III (PC-III), Personnel Readiness Functions and Sustainment Functions. Volume 2 contains information on Commanders Support Staff

Functions and Programs. Volume 3 discusses Customer Service: Management Functions, Customer Assistance and Referral, Personal Affairs Assistance Programs, and Air Force Casualty Service Programs.

**3S051B—Personnel Journeyman**

3 Volumes: Revised Dec 97

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

**Content:** Volume 1 introduces you to Air Force Promotion Programs, examines the officer and enlisted performance report programs, discusses programs associated with reenlistment, covers Air Force Awards and Decorations Programs, and discusses miscellaneous Career Enhancement Programs. Volume 2 provides you with information on the functions you will perform and the programs you will manage while assigned to Personnel Relocations in the Military Personnel Flight (MPF). Volume 3 covers the Air Force Classification System and discusses various personnel employment functions.

**3S052A—Personnel Systems Management Journeyman**

1 Volume: Revised Sep 97

Hours: Volume - 15 CE - 3

Points: Volume - 5 CE - 1

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**Content:** This one volume course provides background information on the Personnel Systems Management career field.

**3S052B—Personnel Systems Management Journeyman**

1 Volume: Revised Sep 97

Hours: Volume - 21 CE - 6

Points: Volume - 7 CE - 2

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**Content:** This one volume course covers the Personnel Data System (PDS) tables and how other systems interface with the PDS.

**3S052C—Personnel Systems Management Journeyman**

1 Volume: Activated Dec 97

Hours: Volume - 18 CE - 6

Points: Volume - 6 CE - 2

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**Content:** This one volume course covers the BLPS processor and editors, and FOCUS inquiries.

**3S052D—Personnel Systems Management Journeyman**

1 Volume: Revised Jan 98

Hours: Volume - 21 CE - 6  
Points: Volume - 7 CE - 2

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**Content:** This one volume course covers the PC-III network including the network architecture, PC-III data flow, print and system management, and system administration.

### **3S171—Military Equal Opportunity and Treatment Craftsman**

3 Volumes: Activated Jul 1999

Hours: Volumes - 48 CE - 12  
Points: Volumes - 16 CE - 4

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**Content:** Volume 1 discusses the implementation and management of the Military Equal Opportunity (MEO) Career Program. Volume 2 covers personal growth and professional development through various means. Volume 3 discusses the organization and performance of duties relating to the activities of an MEO.

**Special Information:** This course contains “FOR OFFICIAL USE ONLY” information.

### **73470B—Social Actions Craftsman (Substance Abuse Control) (AFSC 3S171B)**

2 Volumes: Revised Jun 90

Hours: Volumes - 45 CE - 12  
Points: Volumes - 15 CE - 4

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**Content:** Volume 1 covers social actions career field, personal growth and development, communications skills, staff assistance visits, and referral/support resources. Volume 2 outlines the operations of the substance abuse control program.

## **(3U) Manpower**

### **3U071<sup>3/4</sup> Manpower Quality Management Craftsman**

4 Volumes: Activated Jun 97; Revised Aug 1999

Hours: Volumes - 39 CE - 9  
Points: Volumes - 13 CE - 3

**Content:** Volume 1 covers career field objectives, the suggestion program and productivity improvement programs, support agreements, the utilization of inservice resources, and the planning, programming, and budgeting systems. Volume 2 contains information on the foundation of which wartime and contingency manpower is managed. Volume 3 covers analysis tools, statistic analysis, and correlation and regression analysis. Volume 4 provides information on the Functional Process Improvement (FPI)

components and methodology, Activity Modeling and Benchmarking, and activity-based costing.

### **(3V) Visual Information**

#### **3V051<sup>3/4</sup> Visual Information Journeyman**

4 Volumes: Activated Feb 96

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

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**Content:** Volume 1 covers basic tools and equipment, projection equipment, video equipment, and contingency operations visual information products. Volume 2 discusses fundamentals of drawing, human form, perspective, and composition and layout. Volume 3 covers visual communications. Volume 4 covers the study of a new science, creating art, printed output, and support tools.

#### **3V052<sup>3/4</sup> Visual Information Photography Specialty**

5 Volumes: Activated Jan 96

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

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**Content:** Volume 1 discusses security, the hazard communication program, photographic administration, and the principles of basic math. Volume 2 covers the theory of light, existing and supplemental light, and photographic lenses and filters. Volume 3 discusses composition, planning photographic assignments, maintenance of equipment, documentary photography, studio photography, and reproduction. Volume 4 talks about black and white and color films, processing, printing, finishing, and quality control procedures. Volume 5 covers electronic imaging and armament delivery recording.

#### **3V053—Visual Information Production-Documentation Journeyman**

3 Volumes: Activated Feb 96; Revised Dec 00

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

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**Content:** Volume 1 covers motion-media operator fundamentals. Volume 2 discusses elementary motion media procedures and associated principles. Volume 3 covers combat camera documentation and visual information support.

#### **3V071—Visual Information Craftsman**

1 Volume: Activated October 1996

Hours: Volumes - 18 CE - 6

Points: Volumes - 6 CE - 2

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**Content:** Volume 1 discusses Federal safety standards, effective office administration, and combat field support responsibilities; computer hardware, software systems, and establishing computer communications networks; and desktop publishing, multimedia, and the ethics involved with image editing and reproduction.

### **3V072—Visual Information Photography Specialty Craftsman**

1 Volume: Activated April 1997

Hours: Volumes - 21 CE - 6

Points: Volumes - 7 CE - 2

**Content:** Volume 1 discusses light, exposure and filtration, photographic applications, black and white/color photographic imagery production, and sensitometric control for black and white/color process.

## **(4) Medical**

### **4A051A<sup>3/4</sup> Health Services Management Journeyman**

2 Volumes: Revised Dec 98

Hours: Volumes - 21 CE - 6

Points: Volumes - 7 CE - 2

**Content:** Volume 1 introduces the Air Force Medical Service and explores the different tasks and functions everyone in the career field will perform or should be familiar with. Volume 2 covers medical terminology, anatomy and physiology, who is authorized services in the medical facility and the type of services authorized.

### **4A051B<sup>3/4</sup> Health Services Management Journeyman**

3 Volumes: Revised Dec 98; Revised May 1999

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

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**Content:** Volume 1 covers various duties and responsibilities in outpatient services and aeromedical evacuation. Volume 2 looks at tasks supporting inpatient care and the aeromedical evacuation of patients. Volume 3 introduces you to the Department of Defense (DOD) Managed Care System.

### **4A051C<sup>3/4</sup> Health Services Management Journeyman**

2 Volumes: Activated April 96; Revised June 1999

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

**Content:** Volume 1 covers financial management and budgeting, the medical service account and the associated systems functions, subsistence accounting and the Third Party Collection Program, and method improvement programs. Volume 2 discusses the Air Force manpower management program, Quality Air Force concept, worldwide workload report, and the Medical Expense and Performance Reporting System and the Expense Assignment System III.

#### **4A151<sup>3/4</sup> Medical Material Journeyman**

4 Volumes: Revised Jan 98; Revised Dec 99

Hours: Volumes - 60 CE - 15

Points: Volumes - 20 CE - 5

**Content:** Volume 1 covers property responsibility in medical material, security responsibilities, and the Air Force occupational safety and health program. It also discusses basic computer terminology, computer security, the MEDLOG computer system, master records maintenance and document control. Volume 2 is concerned with the technical management of medical logistics computer records and receipt/issue processing. Volume 3 offers a general view of Medical Materiel Storage and Distribution Operations. Volume 4 covers specialized medical logistics tasks.

#### **4A251A—Biomedical Equipment Journeyman**

4 Volumes: Activated Jan 94

Hours: Volumes - 141 CE - 36

Points: Volumes - 47 CE - 12

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**Content:** Volume 1 introduces medical equipment repair. Volume 2 pertains to the use of common tools and test equipment, electronic principles relating to basic DC and AC circuits, and motors. Volume 3 covers advanced electronics and troubleshooting techniques. Volume 4 covers computers and their internal organs, input devices and output devices, and data storage.

**Special Information:** CDC 4A251A is a mandatory prerequisite for CDC 4A251B.

#### **4A251B—Biomedical Equipment Journeyman**

4 Volumes: Activated May 96

Hours: Volumes - 102 CE - 27

Points: Volumes - 34 CE - 9

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**Content:** Volume 1 covers all the interfaces dealt with when connecting equipment to the hospital's utilities. It also covers knowledge on the equipment used for readiness purposes when the facilities go mobile. Volume 2 pertains to medical terminology and equipment used with inpatient care. Volume 3 discusses outpatient care areas and support equipment. Volume 4 explains imaging systems.

**Special Information:** CDC 4A251A is a mandatory prerequisite for CDC 4A251B.



**4B051M—Bioenvironmental Engineering Basics**

3 Volumes: Activated Jan 98

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

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**CDC Multimedia Course:** 4B051M, Bioenvironmental Engineering Basics (Journeyman) multimedia CD-ROM was activated on 26 Jan 98 and is open for enrollment. There is no equivalent paper-based CDC. The BEE Basics Journeyman course consists of 3 volumes on a single disk. Enrollments must be accomplished through BLPS for all active duty Air Force, Guard, and Reserve personnel. ECI Form 23 can be used for all other categories. The student has a 12-month time limit to complete the course. The course exams are paper-based.

**System Requirements:**

**Minimum:** IBM compatible computer

Intel 486® Processor @ 33 MHz

4 MB of total system RAM

At least 4 MB of free hard disk space

256-color VGA video subsystem

500 KB free conventional memory

2x CD-ROM drive

Color VGA monitor

Sound card, speakers or headset, and mouse

MS-DOS 5.0 and Microsoft Windows 3.1

A Web browser (Netscape Navigator or MS Internet Explorer)

**For Information/Help:**

Concerning program administration call DSN 240-3776 or 240-3767, commercial (210) 536-3831, or ECI Team 2 at DSN 596-4985, commercial (334) 416-4985. Concerning technical questions on the CD-ROM, call DSN 240-3767.

**4B051N—Bioenvironmental Engineering Journeyman (Occupational Health)**

3 Volumes: Activated Feb 1999

Hours: Volumes - 57 CE - 12

Points: Volumes - 19 CE - 4

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**CDC Multimedia Course:** 4B051N, Bioenvironmental Engineering Journeyman (Occupational Health) multimedia CD-ROM was activated on 01 Feb 99 and is open for enrollment. There is no equivalent paper-based CDC. The BEE Journeyman course consists of 3 volumes on a single disk. Enrollments must be accomplished through BLPS for all active duty Air Force, Guard, and Reserve personnel. ECI Form 23 can be used for all other categories. The student has a 12-month time limit to complete the course. The course exams are paper-based.

**System Requirements:**

**Minimum:** IBM compatible computer

Intel 486® Processor @ 33 MHz

4 MB of total system RAM

At least 4 MB of free hard disk space

256-color VGA video subsystem

500 KB free conventional memory

2x CD-ROM drive

Color VGA monitor

Sound card, speakers or headset, and mouse

MS-DOS 5.0 and Microsoft Windows 3.1

A Web browser (Netscape Navigator or MS Internet Explorer)

**For Information/Help:**

Concerning program administration, call DSN 240-3776 or 240-3767, commercial (210) 536-3776, or ECI Team 2 at DSN 596-4985, commercial (334) 416-4985.

Concerning technical questions on the CD-ROM, call 240-3767.

**4B051O—Bioenvironmental Engineering Journeyman (Environmental Protection)**

2 Volumes: Activated Apr 2000

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

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**CDC Multimedia Course:** 4B051O, Bioenvironmental Engineering Journeyman (Environmental Protection) multimedia CD-ROM was activated on 10 Apr 2000 and is open for enrollment. There is no equivalent paper-based CDC. The BEE Journeyman course consists of 2 volumes on a single disk. Enrollments must be accomplished through BLPS for all active duty Air Force, Guard, and Reserve personnel. ECI Form 23 can be used for all other categories. The student has a 12-month time limit to complete the course. The course exams are paper-based.

**System Requirements:**

**Minimum:** IBM compatible computer

Intel 486® Processor @ 33 MHz

4 MB of total system RAM

At least 4 MB of free hard disk space

256-color VGA video subsystem

500 KB free conventional memory

2x CD-ROM drive

Color VGA monitor

Sound card, speakers or headset, and mouse

MS-DOS 5.0 and Microsoft Windows 3.1

A Web browser (Netscape Navigator or MS Internet Explorer)

**For Information/Help:**

Concerning program administration, call DSN 240-3776 or 240-3767, commercial (210) 536-3776, or ECI Team 2 at DSN 596-4985, commercial (334) 416-4985. Concerning technical questions on the CD-ROM, call 240-3767.

#### **4B051P—Bioenvironmental Engineering Journeyman (Special Programs)**

4 Volumes: Activated Jun 2000

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

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**CDC Multimedia Course:** 4B051P, Bioenvironmental Engineering Journeyman (Special Programs) multimedia CD-ROM was activated on 20 Jun 2000 and is open for enrollment. There is no equivalent paper-based CDC. The Bioenvironmental Engineering Journeyman course consists of four volumes with fifty-eight lessons. Enrollment must be accomplished through BLPS for all active duty Air Force, Guard, and Reserve personnel. AFIADL Form 23 can be used for all other categories. The student has a 12-month time limit to complete courses 4B051M/N/O/P. There will be a course exam given at the end of each course. The course exams are paper-based.

#### **System Requirements:**

**Minimum:** IBM compatible computer pentium. CPU operating at 100 MHz, 16 Mb of RAM, WINDOWS 95 or higher, a VGA monitor with 256 color capable video card, a four-speed or greater CD-ROM drive, a 16-bit sound card, must be able to run Netscape Navigator 4, Microsoft Internet Explorer 4 or better browser.

**Recommended:** IBM compatible computer with a 586DX CPU operating at 200 MHz or faster, 32 Mb of RAM, and WINDOWS 98, SVGA monitor with 1 Mb video card, and an eight-speed CD-ROM drive with a sound card and speakers or a headset, and mouse.

**NOTE:** Audio capability is required since sound is used throughout the course.

#### **For Information/Help:**

Concerning program administration, call TSgt James Ware at DSN 240-1470, commercial (210) 536-1470, or TSgt Waring at DSN 240-3940, commercial (210) 536-3940 or AFIADL Team 2 at DSN 596-4985, commercial (334) 416-4985. Concerning technical questions on the CD-ROM, call 240-3767.

#### **4C051<sup>3/4</sup> Mental Health Service Journeyman**

4 Volumes: Activated November 1996

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

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**Content:** Volume 1 covers the mission, functions, and organization of the USAF medical service; standards, ethics, and legal considerations; maintaining a therapeutic environment; medical materiel; and communicating in the medical profession. Volume 2, *Mental Health Fundamentals*, provides information on the basic concepts of human

growth and development. Volume 3 covers body structure and function and mental health nursing care for patients with common medical conditions. Volume 4 covers therapeutic interventions and programs.

**4D051<sup>3/4</sup> Diet Therapy Journeyman**

4 Volumes: Activated April 96

Hours: Volumes - 87 CE - 21

Points: Volumes - 29 CE - 7

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**Content:** Volume 1 covers sanitation, safety and security, ethics and moral obligations, and medical readiness. Volume 2 covers principles of food preparation. Volume 3 deals with principles of nutrition and dietetics. Volume 4 introduces Nutritional Medicine Flight management practices covering all aspects of management.

**4E051<sup>3/4</sup> Public Health Journeyman**

6 Volumes: Activated Aug 97

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

**Content:** Volume 1 presents the mission and organization of the USAF Medical Service, the Aerospace Medical Service, and Public Health. Volume 2 covers the principles of epidemiology and the control of communicable diseases. Volume 3 deals with the Occupational Health Program. Volume 4 covers food inspection. Volume 5 talks about facility sanitation. Volume 6 explains your role in contingency operations.

**4F051<sup>3/4</sup> Aeromedical Journeyman**

3 Volumes: Revised Apr 98 (Course consists of Volumes 1, 2, and 4—Volume 3 has been deleted.)

Hours: Volumes - 63 CE - 15

Points: Volumes - 21 CE - 5

**Content:** Volume 1 discusses the roles and responsibilities of the 4FOX1 in the medical service arena. Volume 2 covers human anatomy and physiology and some of the common disorders that are associated with our body systems. Volume 4 covers the Physical Examination and Standards (PES) section.

**4F071<sup>3/4</sup> Aeromedical Craftsman**

1 Volume: Activated Oct 98

Hours: Volumes - 39 CE - 9

Points: Volumes - 13 CE - 3

**Content:** This one volume course covers medical readiness, the TRICARE system, different areas of supervisory responsibilities, how to establish military and civilian job descriptions, developing and maintaining quality programs for aerospace medicine, the budget process, and aerospace physiology.

**4J051A<sup>3/4</sup> Occupational Therapy Journeyman**

3 Volumes: Activated Feb 1999; Revised Aug 2000

Hours: Volumes - 66 CE - 15

Points: Volumes - 22 CE - 5

**Content:** Volume 1 specifies the journeyman's role and responsibilities as a member of the occupational therapy career field. Volume 2 covers anatomy and kinesiology. Volume 3 covers the major body systems and their pathophysiological conditions affecting the various systems.

**Special Information:** CDC 4J051A is a mandatory prerequisite to CDC 4J051B.

#### **4J051B<sup>3/4</sup> Occupational Therapy Journeyman**

3 Volumes: Activated Feb 1999

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

**Content:** Volume 1 covers therapeutic exercise; upper extremity disorders and treatment; splinting; and ergonomic principles. Volume 2 discusses mental health disorders, treatment techniques, documentation, safety, and psychopharmacology. Volume 3 covers activity analysis, instructional techniques, and craft activities.

#### **4J052A<sup>3/4</sup> Physical Therapy Journeyman**

3 Volumes: Activated Nov 95

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7

**Content:** Volume 1 specifies the journeyman's role and responsibilities as a member of the physical therapy career field. Volume 2 discusses the major body systems and the pathophysiological conditions affecting the various systems. Volume 3 covers manual procedures and modality application.

**Special Information:** CDC 4J052A is a mandatory prerequisite to CDC 4J052B.

#### **4J052B<sup>3/4</sup> Physical Therapy Journeyman**

3 Volumes: Activated Feb 96

Hours: Volumes - 90 CE - 24

Points: Volumes - 30 CE - 8

**Content:** Volume 1 of this course addresses the axial skeleton. Volume 2, *Upper Extremities*, covers shoulder girdle and joint; elbow and forearm; wrist, hand, and digits; and upper extremity disorders and treatment. Volume 3, *Lower Extremities*, discusses pelvic girdle and hip joint, the knee joint, the ankle and foot joints, and the lower extremity disorders and treatments.

**Special Information:** CDC 4J052A is a mandatory prerequisite to CDC 4J052B.

#### **4J071<sup>3/4</sup> Occupational/Physical Therapy Craftsman**

1 Volume: Activated Sep 97

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

**Content:** This one volume course covers the Organizational Medical Group (OMG) Structure, your responsibilities as a supervisor, the Proficiency Code Key, Money Management, and the Military Health Service System (MHSS).

#### **4J072<sup>3</sup>/<sub>4</sub> Occupational/Physical Therapy Craftsman**

1 Volume: Activated Sep 97

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

**Content:** This one volume course covers the Organizational Medical Group (OMG) Structure, your responsibilities as a supervisor, the Proficiency Code Key, Money Management, and the Military Health Service System (MHSS).

#### **4M051—Aerospace Physiology Journeyman**

5 Volumes: Activated Jun 94; Revised Dec 1999

Hours: Volumes - 81 CE - 21

Points: Volumes - 27 CE - 7

**Content:** Volume 1 covers the general duties of aerospace physiology personnel, safety and physical hazards, refresher training, and records management. Volume 2 discusses physiology fundamentals and how our body operates. Volume 3 discusses the hypobaric chamber, crew position responsibilities, and inspection requirements. Volume 4 covers the purpose and function of aircraft pressurization systems and procedures in the event of a system failure. Volume 5 discusses specialty areas of the career field.

#### **4N051A<sup>3</sup>/<sub>4</sub> Medical Service Journeyman**

3 Volumes: Revised Dec 98

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

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**Content:** Volume 1 covers the USAF Medical Service; medical service management; on the job training; professional and patient relationships; and medical logistics and publications. Volume 2 deals with the basic sciences of this career field. Volume 3 pertains completely to human anatomy and physiology.

**Special Information:** CDC 4N051A or CDC 4N051M is a mandatory prerequisite for enrollment in CDC 4N051B.

#### **4N051B<sup>3</sup>/<sub>4</sub> Medical Service Journeyman**

5 Volumes: Activated Nov 95; Volume 3 Revised Jul 1999

Hours: Volumes - 105 CE - 27

Points: Volumes - 35 CE - 9

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**Content:** Volume 1 discusses infection control concepts and expands knowledge of vital sign assessment. Volume 2 contains information related to nursing procedures and skills. Volume 3 is detailed to improve knowledge of medications, actions, side effects,

and administration procedures. Volume 4 is devoted to special areas of nursing, such as pediatrics, geriatrics, orthopedics, surgical, and obstetrical patients. Volume 5 reinforces knowledge of caring for patients in emergency situations.

**Special Information:** CDC 4N051A or CDC 4N051M is a mandatory prerequisite for enrollment in CDC 4N051B.

#### **4N051M<sup>3/4</sup> Medical Service Journeyman (CD-ROM)**

3 Volumes: Activated Feb 1999

Hours: Volumes - 36 CE - 9

Points: Volumes - 12 CE - 3

**CDC Multimedia Course:** 4N051M, Medical Service Journeyman multimedia CD-ROM, was activated on 10 Feb 99 and is open for enrollment. 4N051A is the equivalent paper-based CDC. The course consists of 3 volumes on a single disk. Enrollments must be accomplished through BLPS for all active duty Air Force, Guard, and Reserve personnel. Use ECI Form 23 for all other categories. The student has a 12-month time limit to complete the course. The course examinations are paper-based.

#### **Minimum Computer System and Software Requirements:**

- 486 computer system
- 3 1/2" floppy disk drive
- Windows 95 or Windows NT
- CD-ROM drive
- 16K colors

**For Information/Help:** Call DSN 736-3801 or COM (940) 676-3801 if you have questions on installation or content.

**Special Information:** CDC 4N051A or CDC 4N051M is a mandatory prerequisite for enrollment in CDC 4N051B.

#### **4N151A<sup>3/4</sup> Surgical Service Journeyman**

5 Volumes: Activated August 96

Hours: Volumes - 123 CE - 30

Points: Volumes - 41 CE - 10

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**Content:** Volume 1 covers the USAF Medical Service mission and organization and the roles of the surgical technician. It also discusses professional and patient relations, patient advocacy, needs and fears of patient, and positive patient relationships. Volume 2 focuses on infection control. Volume 3 covers preoperative physical preparation and care, the administration of anesthesia, and postoperative patient care. Volume 4 discusses patient positioning, draping, and surgical routines. Volume 5 takes a look at surgical pharmacology and surgical wound management.

**Special Information:** CDC 4N151A is a mandatory prerequisite for enrollment in CDC 4N151B.

#### **4N151B<sup>3/4</sup> Surgical Service Journeyman <sup>3/4</sup> Part II**

4 Volumes: Activated Mar 1997

Hours: Volumes - 99 CE - 24

Points: Volumes - 33 CE - 8

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**Content:** Volume 1 begins the coverage of anatomy and physiology. This volume discusses how the body is organized, beginning with a basic “blueprint” of the body. It covers terms and references medical professionals use to discuss anatomical regions and locations of various body structures. It also takes a look at the basic components of the body, the integumentary system, the musculoskeletal “framework” of the body, and the nervous system. Volume 2 continues the coverage of anatomy and physiology by looking at the other body systems. Volume 3 looks at some common procedures performed by surgeons of the various surgical specialties. Volume 4 covers supporting tasks and duties such as medical logistics, medical readiness, and some of the administrative and managerial duties necessary to progress through this career field.

**Special Information:** CDC 4N151A is a mandatory prerequisite for enrollment in CDC 4N151B.

#### **4P051A<sup>3/4</sup> Pharmacy Journeyman**

4 Volumes: Activated Oct 95

Hours: Volumes - 84 CE - 21

Points: Volumes - 28 CE - 7

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**Content:** Volume 1 specifies the journeyman’s role and responsibilities as a member of the pharmacy career field. Volume 2 covers pharmacy standards, including Air Force directives, Joint Commission on Accreditation of Health Care Organizations (JCAHO) requirements, and laws affecting the pharmacy. Volume 3 covers supply and inventory control and pharmacy information systems. Volume 4 covers pharmacy calculations, chemistry, manufacturing and compounding, and dispensing.

**Special Information:** 4P051A is a prerequisite for 4P051B.

#### **4P051B<sup>3/4</sup> Pharmacy Journeyman**

5 Volumes: Activated July 96; Revised Aug 2000

Hours: Volumes - 75 CE - 18

Points: Volumes - 25 CE - 6

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**Content:** Volume 1 gives information about pharmaceutical dispensing, terminology, anatomy, and physiology. Volumes 2 and 3, *Anatomy, Physiology, and Pharmacology*, covers the anatomy and physiology of each system of the human body, followed by the conditions associated with the system, and the drugs used to treat conditions associated with the system. Volume 4 covers miscellaneous drug therapy, medical aids and devices, and poisonings. Volume 5 discusses antibiotics and miscellaneous drugs.



**Special Information:** 4P051A is a prerequisite for 4P051B.

#### **4R051<sup>3/4</sup>Diagnostic Imaging Journeyman**

5 Volumes: Activated Mar 1997

Hours: Volumes - 105 CE - 27

Points: Volumes - 35 CE - 9

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**Content:** Volume 1 contains information relating to department administrative procedures and management. Volume 2 presents a thorough study of the fundamentals of radiologic science. Volume 3 covers information on osteology and routine radiographic positioning. Volume 4 covers special aspects of clinical radiology. Information on radiographic contrast media and the procedures that use contrast agents to image various structures in the body is presented in Volume 5.

#### **4T051A<sup>3/4</sup>Medical Laboratory Journeyman – Administration and Chemistry**

4 Volumes: Activated Mar 1999; Revised Jan 2000

Hours: Volumes - 72 CE - 18

Points: Volumes - 24 CE - 6

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**Content:** Volume 1 covers the mission of the medical laboratory, patient and professional relationships, management of publications and records, automatic data processing, the Composite Health Care System (CHCS), laboratory quality improvement, AFOSH, AFI 91-301, AFI 91-302, specimen collection, and medical terminology. Volume 2 reviews the basic principles of chemistry and instrumentation in regard to their relationship in clinical chemistry. Volume 3 builds upon the basic chemistry principles learned earlier. Volume 4 discusses urinalysis concepts.

#### **4T051B<sup>3/4</sup>Medical Laboratory Journeyman - Microbiology**

4 Volumes: Activated Feb 97

Hours: Volumes - 93 CE - 24

Points: Volumes - 31 CE - 8

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**Content:** Volume 1 enables the reviewing of the fundamentals of diagnostic bacteriology. Volume 2 begins with the most medically important genera—aerobic gram-positive cocci and bacilli—that cause some of the most serious human diseases. It also covers aerobic gram-negative cocci and coccobacilli organisms, aerobic gram-negative bacilli, and anaerobic gram-positive and gram-negative organisms. Volume 3 covers a study of miscellaneous microorganisms, the mycobacteria, introduction to medical mycology, and the medically important fungi. Volume 4 presents information on parasites of medical importance, including helminths and protozoa.

#### **4T051C<sup>3/4</sup>Medical Laboratory Journeyman - Hematology, Immunology, and Blood Banking**

3 Volumes: Activated Jan 98

Hours: Volumes - 57 CE - 15

Points: Volumes - 19 CE - 5

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**Content:** Volume 1 discusses hematology; erythrocytes, leukocytes, and thrombocytes; the compute blood count and hematology procedures; and hemostasis mechanism and evaluation of coagulation studies. Volume 2 covers immunology. Volume 3 is concerned with bloodbanking and the transfusion service.

#### **4V051<sup>3</sup>/<sub>4</sub> Optometry Journeyman**

4 Volumes: Activated May 97; Revised Dec 00

Hours: Volumes - 108 CE - 27

Points: Volumes - 36 CE - 9

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**Content:** Volume 1 covers the objective medical group, optometry career ladder progression, optometry security, clinic safety, tips on professional relations, scheduling of patients, optometry clinic administration, and medical logistics. Volume 2 covers the anatomy and physiology of the eye, ocular injuries and disorders, and ocular pharmacology. Volume 3 covers geometrical optics, ophthalmic optics, ordering and dispensing spectacles, and some contact lens information and procedures. Volume 4 covers many of the tasks and tests done on a daily basis to assist the health care provider (doctor).

#### **4V051A<sup>3</sup>/<sub>4</sub> Ophthalmology Journeyman**

1 Volume: Activated Nov 97

Hours: Volumes - 24 CE - 6

Points: Volumes - 8 CE - 2

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**Content:** This one volume course provides information geared specifically toward ophthalmology related tasks. It covers clinical procedures, sterile supply management, minor ophthalmic surgery and major ophthalmic surgery.

#### **4V071<sup>3</sup>/<sub>4</sub> Optometry/Ophthalmology Craftsman**

1 Volume: Activated Mar 97

Hours: Volumes - 12 CE - 3

Points: Volumes - 4 CE - 1

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**Content:** Volume 1, *Advanced Ocular Skills*, covers supervisor responsibilities, resource management, and clinical skills.

#### **90250B—Medical Service Journeyman (AFSC 4N051B)**

4 Volumes: Activated Nov 90

Hours: Volumes - 117 CE - 30

Points: Volumes - 39 CE - 10

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**Content:** Volume 4, *Basic Nursing Techniques-Part I*, provides information explaining different concepts of health and showing the relationship of health and illness. It introduces basic nursing techniques including health versus illness, administrative actions, planning patient care, patient comfort measures, and infection control. Volume 5, *Basic Nursing Techniques-Part II*, provides information on the different aspects of drug action and medication administration. It covers responsibilities and safety factors, drug actions, and preparation and administration of medications. Volume 6, *Basic Nursing Techniques-Part III*, continues with information about a wide variety of topics from patient movement techniques to the treatment of assorted systemic disorders. It covers patient movement/transportation techniques, aeromedical evacuation, obstetrical and newborn patient care, surgery patients, mental health disorders, and systemic disorders. Volume 7, *Emergency and Clinic Care*, covers initial assessment and care, emergency procedures, and clinic procedures. It defines the mission of emergency medical services and describes emergency care for patients with various injuries and disorders.

**Special Information:** CDC 90250A is a mandatory prerequisite for enrollment in CDC 90250B.

## **(4Y) Dental**

### **4Y051A<sup>3/4</sup> Dental Assistant Journeyman**

4 Volumes: Activated Nov 95

Hours: Volumes - 135 CE - 33

Points: Volumes - 45 CE - 11

***SALE RESTRICTED (Copyright Material) Limited to DOD Personnel***

**Content:** Volume 1 stresses professional standards, dental administrative functions, supply management, and safety. Volume 2 expands knowledge of dental instruments, equipment, and equipment maintenance. Volume 3 builds on existing knowledge of basic and dental sciences. Volume 4 expands further on existing knowledge of applied dental sciences.

### **4Y051B—Dental Assistant Journeyman**

5 Volumes: Activated Dec 94

Hours: Volumes - 180 CE - 45

Points: Volumes - 60 CE - 15

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**Content:** Volume 5 covers the principles of radiology and the clinical procedures you may perform in dental health. Volume 6 covers information about infection control and

emergency procedures. Volume 7A covers the preparation of the dental treatment room, DTR, patient evaluation, patient interview for the medical health history, and hypertension screening. Volume 7B covers examination, screening, preliminary diagnosis section; general dentistry; endodontics; oral surgery and periodontics. Volume 7C covers clinical procedures performed in several specialty areas of dentistry. The areas include prosthodontics, orthodontics, and pediatric dentistry.

**4Y052—Dental Laboratory Journeyman**

5 Volumes: Activated Nov 97

Hours: Volumes - 102 CE - 27

Points: Volumes - 34 CE - 9

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**Content:** Volume 1 discusses personal conduct, safety, and health; and presents information about how to manage resources in the laboratory. Volume 2 discusses oral anatomy and oral physiology, covers a review of dental materials science, and presents information on how dental materials react to chemical and functional changes. Volume 3 describes the procedures to inspect preliminary impressions and casts, discusses the fundamentals of orthodontic appliances, and provides information on special prosthesis and articulators. Volume 4 discusses the classification, components, and design of removable partial procedures; outlines RPD framework waxing and processing procedures; presents information on fabricating complete dentures; and discusses denture techniques for a variety of patient conditions. Volume 5 covers all-metal, metal-ceramic, and all-ceramic restorations and dental implants.

**(5J) Paralegal****5J051—Paralegal Journeyman**

4 Volumes: Activated Apr 95; Revised Feb 1999

Hours: Volumes - 51 CE - 12

Points: Volumes - 17 CE - 4

***SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel***

**Content:** Volume 1 discusses The Judge Advocate General's (TJAG's) Department. Volume 2 covers civil law. Volume 3 deals with the myriad aspects of military justice. Volume 4 covers Air Force claims.

**(5R) Chaplain Service Support****5R051—Chaplain Service Support**

3 Volumes: Activated Feb 95

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 covers roles of the chaplain and service support personnel, such as volunteers, public information boards, and report to higher HQ. Volume 2 covers contingency operations, base exercises, natural disaster responses, wartime, and humanitarian deployments. Volume 3 covers chapel programs, how to prepare a chapel budget, and resource management system.

### **5R071—Chaplain Service Support Craftsman**

1 Volume: Activated September 95

Hours: Volume - 24 CE - 6

Points: Volume - 8 CE - 2

**Content:** This volume, *Management of the Chaplain Program*, covers religious program support, distinct faith group practices, the area of contingencies and readiness, and various aspects of resource management.

## **(6C) Contracting**

### **6C051A—Contracting Journeyman**

3 Volumes: Activated Apr 93

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

**Content:** Volume 1 covers the historical background of government contracting; discusses government sovereignty, agency relationships, and basic contractual elements; and discusses the operational contracting office. Volume 2 deals with procedures made using the simplified procedures of FAR Part 13 and commercial procedures of FAR Part 12. Volume 3 covers procedures for awarding contracts and orders for acquisitions not exceeding the simplified acquisition threshold. It also deals with the most common administrative responsibilities in the career field.

**Special Information:** CDC 6C051A is a mandatory prerequisite for enrollment in CDC 6C051B.

### **6C051B—Contracting Journeyman**

3 Volumes: Activated Jun 98

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

**Content:** Volume 1 covers using activity requirements, contracting fundamentals as they apply to major acquisitions, the sealed bidding process, and evaluating bids and awarding contracts. Volume 2 spans the entire negotiated acquisition process. Volume 3 discusses contract administration information, provides guidance on how to make changes in a contract or terminate a contract, and addresses unique types of contracting actions.

**Special Information:** CDC 6C051A is a mandatory prerequisite for enrollment in CDC 6C051B.

## **(6F) Financial**

### **6F051A—Financial Management and Comptroller Journeyman**

1 Volume: Revised Oct 1999

Hours: Volumes - 24 CE - 6

Points: Volumes - 8 CE - 2

**Content:** This one volume course covers the basics of the Financial Management and Comptroller career field, the Military Pay processes, and Travel Pay processes.

### **6F051B—Financial Management and Comptroller Journeyman**

3 Volumes: Revised May 98; Revised Nov 1999

Hours: Volumes - 45 CE - 12

Points: Volumes - 15 CE - 4

**Content:** Volume 1 covers accounting principles. Volume 2 discusses financial management and planning. Volume 3 covers financial analysis and contingency operations.

### **6F071—Financial Management and Comptroller Craftsman**

1 Volume: Activated Apr 98; Revised Aug 1999

Hours: Volumes - 9 CE - 3

Points: Volumes - 3 CE - 1

**Content:** This one volume course covers DFAS Operating Location (OP-LOC), Deputy Disbursing Office (DDO) operations, and contingency (agent) operations. It also discusses accounting functions, common military pay entitlements, and computing travel vouchers.

## **(7S) Special Investigations**

### **7S071<sup>3/4</sup> Special Investigations Craftsman**

2 Volumes: Activated Aug 96

Hours: Volumes - 33 CE - 9

Points: Volumes - 11 CE - 3

***SALE RESTRICTED (For Official Use Only) Limited To DOD Personnel***

**Content:** Volume 1 covers the basic fundamentals and policies of liaison, use of human sources in AFOSI work, interviewing, interrogation, and consultants and special techniques. Volume 2 provides information about the core investigative areas of AFOSI's investigative mission.

**Special Information:** Requests to enroll in the Special Investigations CDC must be approved by HQ AFOSI/DPPT, 1535 Command Drive, Suite 6C207, Andrews AFB, MD 20762-7001.

## (9S) Reporting Identifiers

### 9S100<sup>3/4</sup> Applied Geophysics

3 Volumes: Activated Aug 96; Revised Jul 2000

Hours: Volumes - 54 CE - 15

Points: Volumes - 18 CE - 5

**NOT FOR SALE (CLASSIFIED MATERIAL)**

**Content:** Volume 1 of this course covers general subjects for both the Applied Geophysics (9S100) and the Applied Sciences (9S200) reporting identifiers (RIs). It is common to both RI 9S100 and RI 9S200, and therefore is included in both courses. It covers mission and organization, logistic, maintenance, supply, and transportation functions, quality control, and configuration management. It also contains excerpts from the treaties our mission covers. Volumes 2 and 3 cover continuing electronics, furthering your knowledge of many aspects of analog and digital electronics.

**Special Information:** All queries or comments pertaining to enrollment or test administration should be addressed to Extension Course Institute (OAS/EIOI), 50 South Turner Blvd, Maxwell AFB-Gunter Annex AL 36118-5643. Questions concerning course content or materials should be addressed to the 312 TRS/DOEX, 170 Griffin St., Suite 21, Goodfellow AFB, TX 76908-4213. Ensure that CLASSIFIED queries and comments or those relating to CLASSIFIED subjects remain in appropriate security channels. Classification of this course is SECRET.

**Prerequisites for Enrollment:** (1) PAFSC of 9S100. (2) TOP SECRET security clearance. (3) Working in an area accredited for storage of SECRET material. The classified study volume for this course must be returned to the unit upon course completion or departure from the unit.

# **Unit 7. AMERICAN COUNCIL ON EDUCATION CREDIT RECOMMENDATIONS**

## **01090 - NO CREDIT**

Deactivated: 30 AUG 90  
AF 2203-0052; EVAL: FEB 87

## **01100 - SEMESTER HOURS: 3**

Deactivated  
AF 1406-0060; COMPLETION DATE: JUNE 1985 TO 9 DEC 89; 3 SEMESTER HOURS IN INTRODUCTION TO MANAGEMENT OR PRINCIPLES OF SUPERVISION OR PRINCIPLES OF MANAGEMENT; EVAL: FEB 87

## **01200 - NO CREDIT**

Deactivated: 9 SEP 98  
AF 2203-0053; EVAL: FEB 87

## **01900 - SEMESTER HOURS: 1 (VOC)**

AF 0801-0001; COMPLETION DATE: JANUARY 1982 TO PRESENT; 1 SEMESTER HOUR IN SAFETY;  
EVAL: FEB 87

## **01901 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 18 SEP 92  
AF 0801-0002; COMPLETION DATE: AUGUST 1982 TO PRESENT; 1 SEMESTER HOUR IN SAFETY;  
EVAL: FEB 87

## **01902 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 18 SEP 92  
AF 0801-0003; COMPLETION DATE: AUGUST 1982 TO PRESENT; 1 SEMESTER HOUR IN SAFETY;  
EVAL: FEB 87

## **01903 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 18 SEP 92  
AF 0801-0004; COMPLETION DATE: AUGUST 1982 TO PRESENT; 1 SEMESTER HOUR IN SAFETY;  
EVAL: FEB 87

## **02010 - SEMESTER HOUR(S): 1**

AF 0505-004; COMPLETION DATE: APRIL 1982 TO PRESENT; 1 SEMESTER HOUR IN RADIO-TV-FILM JOURNALISM, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

## **02130A - NO CREDIT**

AF 1704-0194; COMPLETION DATE: FEBRUARY 1981 TO PRESENT; EVAL: OCT 88

## **02130B - SEMESTER HOURS: 1**

AF 1704-0195; COMPLETION DATE: DECEMBER 1981 TO PRESENT; 1 SEMESTER HOUR IN VISUAL NAVIGATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

## **02130D - NO CREDIT**

AF 1704-0196; COMPLETION DATE: APRIL 1984 TO PRESENT; EVAL: OCT 88

## **02170 - SEMESTER HOURS: 1 (VOC)**

AF 0801-0005; COMPLETION DATE: JULY 1986 TO PRESENT; 1 SEMESTER HOUR IN SAFETY MANAGEMENT; EVAL: FEB 87

## **02570 - SEMESTER HOURS: 3**

Deactivated: 4 OCT 96  
AF 1304-0015; COMPLETION DATE: NOVEMBER 1983 TO PRESENT; 3 SEMESTER HOURS IN METEOROLOGY/CLIMATOLOGY, 3 SEMESTER HOURS IN ADMINISTRATIVE MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: DECEMBER 1989

## **03025 - SEMESTER HOURS: 3**

Deactivated: 7 DEC 92  
AF 1715-0746; COMPLETION DATE: AUGUST 1984 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONICS FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88



**03026 - SEMESTER HOURS: 3**

Deactivated: 26 APR 95

AF 1715-0747; COMPLETION DATE: FEBRUARY 1984 TO PRESENT; 3 SEMESTER HOURS IN RADIO WAVE THEORY AND APPLICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**03027 - SEMESTER HOURS: 2**

Deactivated

AF 1715-0753; COMPLETION DATE: JULY 1980 TO JANUARY 1989; 2 SEMESTER HOURS IN ACQUISITION AND MANAGEMENT OF GOVERNMENT SYSTEMS, UPPER-DIVISION BACCALAUREATE; EVAL: OCT 88

**03028 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 26 APR 95

AF 1715-0748; COMPLETION DATE: SEPTEMBER 1984 TO PRESENT; 1 SEMESTER HOUR IN TELEPHONE PRINCIPLES, VOCATIONAL CERTIFICATE; EVAL: OCT 88

**03030 - SEMESTER HOURS: 3**

Deactivated: 18 JUL 94

AF 1714-0029; COMPLETION DATE: JUNE 1964 TO PRESENT; 1 SEMESTER HOUR IN ELECTRICITY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; 1 SEMESTER HOUR IN ADVANCED ELECTRICITY (DC); 1 SEMESTER HOUR IN ADVANCED ELECTRICITY (AC), UPPER-DIVISION BACCALAUREATE; EVAL: OCT 88

**03031 - NO CREDIT**

Deactivated: 23 NOV 98

AF 1715-0749; COMPLETION DATE: SEPTEMBER 1986 TO PRESENT; EVAL: OCT 88

**03032 - SEMESTER HOURS: 1**

Deactivated: 23 NOV 98

AF 1715-0750; COMPLETION DATE: APRIL 1971 TO PRESENT; 1 SEMESTER HOUR IN SEMICONDUCTOR THEORY AND APPLICATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**03034 - NO CREDIT**

Deactivated: 15 NOV 90

AF 1715-0751; COMPLETION DATE: APRIL 1987 TO PRESENT; EVAL: OCT 88

**03035 - NO CREDIT**

Deactivated: 23 NOV 98

AF 1715-0768; COMPLETION DATE: DECEMBER 1988 TO PRESENT; EVAL: MAR 91

**03036 - SEMESTER HOURS: 2**

Deactivated: 23 NOV 98

AF 1723-0012; COMPLETION DATE: FEBRUARY 1988 TO PRESENT; 2 SEMESTER HOURS IN SOLDERING TECHNIQUES AND APPLICATIONS, VOCATIONAL CERTIFICATE; EVAL: MAR 91

**03037 - NO CREDIT**

Deactivated: 23 NOV 98

AF 1714-0034; COMPLETION DATE: JUNE 1988 TO PRESENT; EVAL: MAR 91

**03038 - NO CREDIT**

Deactivated: 23 NOV 98

AF 1715-0752; COMPLETION DATE: NOVEMBER 1985 TO PRESENT; EVAL: OCT 88

**03039 - SEMESTER HOUR(S): 1**

Deactivated: 23 NOV 98

AF 1715-0784; COMPLETION DATE: FEB 90 TO PRESENT; 1 SEMESTER HOUR IN USE OF THE OSCILLOSCOPE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**05123 - SEMESTER HOURS: 1**

Deactivated: 13 APR 92

AF 1402-0072; COMPLETION DATE: MARCH 1983 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO DATA PROCESSING OR INTRODUCTION TO COMPUTER PROGRAMMING; EVAL: FEB 87

**06601 - SEMESTER HOURS: 1**

AF 1405-0067; COMPLETION DATE: OCTOBER 1978 TO PRESENT; 1 SEMESTER HOUR IN PRODUCTION CONTROL; EVAL: FEB 87

**06603 - NO CREDIT**

Deactivated

AF 1405-0068; COMPLETION DATE: FEBRUARY 1990; EVAL: FEB 87

**06604 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 29 APR 92

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AF 1408-0088; COMPLETION DATE: APRIL 1981 TO PRESENT; 1 SEMESTER HOUR IN LABOR RELATIONS OR ORIENTATION; EVAL: FEB 87

**06605 - NO CREDIT**

Deactivated

AF 1408-0089; COMPLETION DATE: FEBRUARY 1989; EVAL: FEB 87

**06606 - SEMESTER HOURS: 3 OR 1**

Deactivated: 29 APR 92

AF 1408-0087; COMPLETION DATE: DECEMBER 1986 TO PRESENT; 3 SEMESTER HOURS IN BUSINESS LAW OR 3 IN CONTRACT PURCHASING OR 1 IN COST ACCOUNTING; EVAL: FEB 87

**06608 - NO CREDIT**

AF 1408-0090; COMPLETION DATE: NOVEMBER 1988; EVAL: FEB 87

**06610 - SEMESTER HOURS: 4 (2 VOC)**

Deactivated: 24 MAY 96

AF 1408-0091; COMPLETION DATE: AUGUST 1992 TO PRESENT; 1 SEMESTER HOUR IN APPLIED MATHEMATICS (VOC); 1 SEMESTER HOUR IN RETAILING (PRICING) (VOC); 2 SEMESTER HOURS IN BUSINESS MATHEMATICS; 2 SEMESTER HOURS IN PURCHASING; EVAL: APR 93

**06612 - NO CREDIT**

Deactivated: 13 SEP 95

AF 1405-0073; COMPLETION DATE: OCTOBER 1991 TO PRESENT; EVAL: JUNE 1994

**06613 - SEMESTER HOUR: 1**

AF 1406-0081; COMPLETION DATE: OCTOBER 1993 TO PRESENT; 1 SEMESTER HOUR IN TOTAL QUALITY MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**06701 - SEMESTER HOURS: 2 (1 VOC)**

Deactivated: 15 NOV 90

AF 1408-0092; COMPLETION DATE: APRIL 1984 TO PRESENT; 1 SEMESTER HOUR IN FUNDAMENTALS OF ACCOUNTING; 1 SEMESTER HOUR IN BUDGETING; 1 SEMESTER HOUR IN BOOKKEEPING (VOC); EVAL: FEB 87

**06702 - SEMESTER HOURS: 3**

Deactivated: 14 NOV 00

AF 1408-0093; COMPLETION DATE: AUGUST 1991 TO PRESENT; 1 SEMESTER HOUR IN FUND ACCOUNTING; 1 SEMESTER HOUR IN FINANCIAL PLANNING; 1 SEMESTER HOUR IN BUDGETING; EVAL: APR 93

**07340 - SEMESTER HOUR(S): 1**

Deactivated: 25 OCT 90

AF 0708-0004; COMPLETION DATE: MAY 86 TO PRESENT; 1 SEMESTER HOUR IN MENTAL HEALTH, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**07504 - SEMESTER HOURS: 2**

Deactivated: 31 OCT 96

AF 1406-0079; COMPLETION DATE: JANUARY 1990 TO PRESENT; 2 SEMESTER HOURS IN TEACHING METHODS, UPPER-DIVISION BACCALAUREATE; EVAL: JUNE 1994

**07515 - SEMESTER HOURS: 2**

Deactivated: 31 MAR 94

AF 1406-0080; COMPLETION DATE: JANUARY 1990 TO PRESENT; 2 SEMESTER HOURS IN PRINCIPLES OF INSTRUCTION, UPPER-DIVISION BACCALAUREATE; EVAL: JUNE 1994

**07802A - SEMESTER HOURS: 1**

Deactivated: 2 MAY 90

AF 1511-0007; COMPLETION DATE: FEBRUARY 1979 TO PRESENT; 1 SEMESTER HOUR IN POLITICAL SCIENCE OR GOVERNMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**07920 - SEMESTER HOURS: 3 (LDB/AD) 1 (UDB)**

AF 0401-0002; COMPLETION DATE: MARCH 1975 TO PRESENT; 3 SEMESTER HOURS IN PRINCIPLES AND PRACTICES OF PUBLIC RELATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; 1 SEMESTER HOUR IN PUBLIC AFFAIRS MANAGEMENT AND PLANNING, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**08000 - SEMESTER HOURS: 4**

Deactivated

AF 1606-0119; COMPLETION DATE: MAY 1981 TO NOV 1990; 3 SEMESTER HOURS IN POLITICAL SCIENCE, 1 SEMESTER HOUR IN GEOGRAPHY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE – EVAL: MAY 88

**08001 - SEMESTER HOURS: 2**

Deactivated

AF 1606-0120; COMPLETION DATE: SEPTEMBER 1981 TO NOV 1990; 2 SEMESTER HOURS IN POLITICAL SCIENCE OR INTERNATIONAL RELATIONS, UPPER-DIVISION BACCALAUREATE; EVAL: MAY 88

**08100 - NO CREDIT**

Deactivated: 22 APR 98

AF 1728-0042; COMPLETION DATE: FEBRUARY 1982 TO PRESENT; EVAL: MAY 88

**08800 - NO CREDIT**

Deactivated: 2 MAY 90

AF 1728-0043; EVAL: MAY 88

**09711 - SEMESTER HOURS: 3**

Deactivated: 25 APR 95

AF 0703-0014; COMPLETION DATE: SEPTEMBER 1976 TO PRESENT; 3 SEMESTER HOURS IN NURSING MANAGEMENT, UPPER-DIVISION BACCALAUREATE; EVAL: MAY 88

**10213 - SEMESTER HOURS: 3**

AF 1722-0001; COMPLETION DATE: JAN 1997 TO PRESENT; 3 SEMESTER HOURS IN FIRE SERVICE MANAGEMENT; EVAL: NOV 98

**10214 - SEMESTER HOURS: 3**

AF 1722-0002; COMPLETION DATE: JUL 1997 TO PRESENT; 3 SEMESTER HOURS IN PRINCIPLES OF MANAGEMENT; EVAL: NOV 98

**10313 - SEMESTER HOURS: 1**

AF 1722-0004; COMPLETION DATE: NOV 1996 TO PRESENT; 1 SEMESTER HOUR IN FUNDAMENTALS OF FIRE PREVENTION; EVAL: NOV 98

**10412 - SEMESTER HOURS: 1**

AF 1722-0005; COMPLETION DATE: JUN 1995 TO PRESENT; 1 SEMESTER HOUR IN FIRE SERVICE INSTRUCTION; EVAL: NOV 98

**10413 - SEMESTER HOURS: 1**

AF 1722-0006; COMPLETION DATE: JUN 1995 TO PRESENT; 1 SEMESTER HOUR IN FIRE SERVICE INSTRUCTOR; EVAL: NOV 98

**11350B - SEMESTER HOURS: 3**

Deactivated: 22 MAY 97

AF 1704-0197; COMPLETION DATE: SEPT 91 TO PRESENT; 3 SEMESTER HOURS IN FLIGHT ENGINEERING PRINCIPLES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**11350C - SEMESTER HOURS: 2**

Deactivated: 9 AUG 94

AF 1704-0094; COMPLETION DATE: APRIL 1982 TO PRESENT; 2 SEMESTER HOURS IN FLIGHT ENGINEERING; EVAL: MAR 85

**11650 - SEMESTER HOURS: 2 (VOC)**

Deactivated: 28 JAN 97

AF 1704-0198; COMPLETION DATE: NOVEMBER 1987 TO PRESENT; 2 SEMESTER HOURS IN BASIC PUBLIC COMMUNICATIONS; EVAL: OCT 88

**11851A - NO CREDIT**

Deactivated: 29 MAY 98

AF 1715-0816; COMPLETION DATE: NOVEMBER 1992 TO PRESENT; EVAL: JUNE 1994

**11851B - SEMESTER HOURS: 3**

Deactivated: 29 MAY 98

AF 1715-0811; COMPLETION DATE: JANUARY 1994 TO PRESENT; 3 SEMESTER HOURS IN ANALOG COMMUNICATIONS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**12250 - SEMESTER HOURS: 2**

Deactivated: 6 MAR 95

AF 1704-0199; COMPLETION DATE: FEBRUARY 1984 TO PRESENT; 1 SEMESTER HOUR IN INDUSTRIAL SHOP MANAGEMENT; 1 SEMESTER HOUR IN SPEECH/TEACHING TECHNIQUES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**1A151C - SEMESTER HOURS: 6**

AF 1704-0294; COMPLETION DATE: AUGUST 1994 TO PRESENT; 3 SEMESTER HOURS IN AIRCRAFT AND GROUND EQUIPMENT SYSTEMS INSPECTION, 1 IN BASIC AIRCRAFT SYSTEMS, 1 IN AIRCRAFT POWERPLANTS, AND 1 IN METEOROLOGY: JUNE 1998

**1A251 - SEMESTER HOURS: 1**

AF 1704-0292; COMPLETION DATE: DECEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT WEIGHT AND BALANCE: JUNE 1998

**1A351 - SEMESTER HOURS: 3**

Deactivated

AF 1715-0841; COMPLETION DATE: MAY 1993 TO PRESENT; 1 SEMESTER HOUR IN AC/DC THEORY, 1 IN COMMUNICATIONS CIRCUITS AND SYSTEMS, AND 1 IN ELECTRONICS TEST AND MEASUREMENT TECHNIQUES: JUNE 1998

**1A451 - SEMESTER HOURS: 2**

AF 1704-0293; COMPLETION DATE: JULY 1994 TO PRESENT; 1 SEMESTER HOUR IN FLIGHT DECK MANAGEMENT AND 1 IN SURVEILLANCE AND COMMUNICATION SYSTEMS OPERATION: JUNE 1998

**1C051 - SEMESTER HOURS: 3**

AF 1704-0297; COMPLETION DATE: DECEMBER 1996 TO PRESENT; 3 SEMESTER HOURS IN BASIC AIRPORT OPERATIONS (WITHIN A CIVIL ENGINEERING OR AERONAUTICS CURRICULUM): JUNE 1998

**1C052 - SEMESTER HOURS: 2**

AF 1406-0103; COMPLETION DATE: APRIL 1996 TO PRESENT; 2 SEMESTER HOURS IN HUMAN RESOURCE MANAGEMENT SYSTEMS: JUNE 1998

**1C071 - SEMESTER HOURS: 3**

AF 1704-0303; COMPLETION DATE: AUGUST 1995 TO PRESENT; 3 SEMESTER HOURS IN ADVANCED AIRPORT OPERATIONS (WITHIN A CIVIL ENGINEERING OR AERONAUTICAL CURRICULUM): JUNE 1998

**1C072 - SEMESTER HOURS: 1**

AF 1406-0104; COMPLETION DATE: JULY 1996 TO PRESENT; 1 SEMESTER HOUR IN OPERATIONS MANAGEMENT/PERSONNEL SUPERVISION: MAY 1998

**1C151 - SEMESTER HOURS: 3**

Deactivated: 20 JUL 99

AF 1704-0295; COMPLETION DATE: MARCH 1995 TO PRESENT; 1 SEMESTER HOUR IN AIR TRANSPORTATION SYSTEMS, 1 IN VISUAL FLIGHT CONTROL, AND 1 IN INSTRUMENT FLIGHT CONTROL: JUNE 1998

**1C251A - SEMESTER HOURS: 3**

AF 1704-0296; COMPLETION DATE: OCTOBER 1994 TO PRESENT; 3 SEMESTER HOURS IN AIR TRAFFIC CONTROL PROCEDURES: JUNE 1998

**1C251B - SEMESTER HOURS: 2**

AF 0801-0006; COMPLETION DATE: NOVEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN SMALL ARMS TRAINING AND 1 IN FIRST AID/HAZARDOUS MATERIAL RESPONSE: JUNE 1998

**1C351 - NO CREDIT**

AF 1704-0306; COMPLETION DATE: SEPTEMBER 1995 TO PRESENT: JUNE 1998

**1C451 - NO CREDIT**

AF 2203-0058; COMPLETION DATE: NOVEMBER 1995 TO PRESENT: JUNE 1998

**1C551 - SEMESTER HOURS: 2**

AF 1715-0754; COMPLETION DATE: JANUARY 1990 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO RADAR SYSTEMS: JUNE 1998

**1C651 - SEMESTER HOURS: 3**

Deactivated: 19 MAY 99

AF 1704-0309; COMPLETION DATE: JULY 1995 TO PRESENT; 1 SEMESTER HOUR IN SATELLITE LAUNCH OPERATIONS, 1 IN SPACECRAFT OPERATION AND CONTROL, AND 1 IN ORBITAL MECHANICS: JUNE 1998

**1T051 - SEMESTER HOURS: 3**

AF 1406-0105; COMPLETION DATE: OCTOBER 1996 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN CLIMATE AND ENVIRONMENT AND 1 IN HUMAN PHYSIOLOGY AND MEDICAL FIRST AID: JUNE 1998; IN THE UPPER-DIVISION BACCALAUREATE CATEGORY, 1 SEMESTER HOUR IN INSTRUCTIONAL TECHNIQUES AND METHODS: JUNE 1998

**1T171 - SEMESTER HOURS: 1**

AF 1704-0291; COMPLETION DATE: JULY 1994 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT/GROUND SAFETY PROGRAMS; JUNE 1998

**20150 - SEMESTER HOURS: 1**

Deactivated: 7 OCT 96

AF 1606-0121; COMPLETION DATE: APRIL 1984 TO PRESENT; 1 SEMESTER HOUR IN POLITICAL SCIENCE OR GOVERNMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**20151 - SEMESTER HOURS 1**

Deactivated: 7 OCT 96

AF 1606-0122; COMPLETION DATE: NOVEMBER 1985 TO PRESENT; 1 SEMESTER HOUR IN POLITICAL SCIENCE OR GOVERNMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**20170 - SEMESTER HOURS: 1**

Deactivated: 11 FEB 91

AF 1606-0123; COMPLETION DATE: SEPTEMBER 1985 TO PRESENT; 1 SEMESTER HOUR IN INTERNATIONAL RELATIONS, UPPER DIVISION BACCALAUREATE; EVAL: MAY 88

**20650 - SEMESTER HOURS: 2**

Deactivated: 14 AUG 96

AF 1709-0027; COMPLETION DATE: FEBRUARY 1985 TO PRESENT; 2 SEMESTER HOURS IN PHOTOGRAPHIC INTERPRETATION OR PHOTOGRAMMETRY; EVAL: MAY 88

**23131 - SEMESTER HOURS: 3**

Deactivated: 7 MAR 94

AF 1719-0009; COMPLETION DATE: JULY 1986 TO PRESENT; 3 SEMESTER HOURS IN PRINCIPLES OF GRAPHIC DESIGN, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**23132 - SEMESTER HOURS: 3**

Deactivated: 7 MAR 94

AF 1709-0029; COMPLETION DATE: SEPTEMBER 1986 TO PRESENT; 3 SEMESTER HOURS IN PRINCIPLES OF STILL PHOTOGRAPHY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE); 3 SEMESTER HOURS IN ADVANCED PHOTOGRAPHIC APPLICATIONS, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**23150 - SEMESTER HOURS: 3**

Deactivated: 3 JAN 95

AF 1406-0073; COMPLETION DATE: FEBRUARY 1983 TO PRESENT; 3 SEMESTER HOURS IN EDUCATIONAL TECHNOLOGY (INTRODUCTORY LEVEL) LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE); EVAL: MAR 91

**23151 - SEMESTER HOURS: 3**

Deactivated: 12 FEB 96

AF 1719-0010; COMPLETION DATE: JANUARY 1986 TO PRESENT; 3 SEMESTER HOURS IN ADVANCED GRAPHICS ILLUSTRATION AND DESIGN, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**23152 - SEMESTER HOURS: 3 (LDB/AD) 3 (UDB)**

Deactivated: 24 JAN 95

AF 1709-0028; COMPLETION DATE: MAY 1989 TO PRESENT; 3 SEMESTER HOURS IN PRINCIPLES OF STILL PHOTOGRAPHY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE); 3 SEMESTER HOURS IN ADVANCED PHOTOGRAPHIC APPLICATIONS, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**23152B- SEMESTER HOURS: 2**

Deactivated

AF 1715-0825; COMPLETION DATE: JUNE 1996 TO PRESENT; 2 SEMESTER HOURS IN ELECTRONIC SYSTEMS TROUBLESHOOTING AND MAINTENANCE; JUNE 1998

**23153 - SEMESTER HOURS: 9**

Deactivated: 6 JAN 95

AF 0505-0005; COMPLETION DATE: JANUARY 1992 TO PRESENT; 6 SEMESTER HOURS IN INTRODUCTION TO RADIO-TV FILM, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; 3 SEMESTER HOURS IN INTRODUCTION TO RADIO-TV FILM, UPPER-DIVISION BACCALAUREATE; EVAL: JUNE 1994

**23250 - SEMESTER HOURS: 6 (LDB/AD) 3 (UDB)**

Deactivated: 13 JAN 92

AF 0505-0003; COMPLETION DATE: OCTOBER 1983 TO PRESENT; 6 SEMESTER HOURS IN INTRODUCTORY RADIO-TV-FILM, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; 3 SEMESTER HOURS IN INTERMEDIATE RADIO-TV-FILM, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**23350 - SEMESTER HOURS: 1 (VOC) 3 (LDB/AD) 10 (UDB)**

Deactivated: 24 JAN 95

AF 1709-0030; COMPLETION DATE: MAY 1986 TO PRESENT; 1 SEMESTER HOUR IN CALIBRATION AND TESTING OF FILM PROCESSING EQUIPMENT, VOCATIONAL CERTIFICATE; 3 SEMESTER HOURS IN PRINCIPLES OF STILL PHOTOGRAPHY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; 1 SEMESTER HOUR IN PHOTO LABORATORY MANAGEMENT; 3 SEMESTER HOURS IN MOTION PICTURE FILM PROCESSING AND EDITING; 3 SEMESTER HOURS IN FILM CHEMISTRY; 1 SEMESTER HOUR IN DENSITOMETRY AND SENSITOMETRY MEASUREMENT; 2 SEMESTER HOURS IN STATISTICAL METHODS OF QUALITY CONTROL, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**24150 - SEMESTER HOURS: 2**

Deactivated: 15 DEC 94

AF 0802-0029; COMPLETION DATE: JULY 1981 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTORY INDUSTRIAL SAFETY; EVAL: SEP 86

**24250 - NO CREDIT**

Deactivated: 2 DEC 94

AF 0802-0026; EVAL: SEP 86

**24270 - NO CREDIT**

Deactivated

AF 0802-0028; EVAL: SEP 86

**25150 - SEMESTER HOURS: 2**

Deactivated: 5 JAN 96

AF 1304-0016; COMPLETION DATE: JULY 1989 TO PRESENT; 2 SEMESTER HOURS IN FUNDAMENTALS OF METEOROLOGY; 1 SEMESTER HOUR IN METEOROLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**27131 - SEMESTER HOURS: 2 (VOC)**

AF 1704-0214; COMPLETION DATE: JAN 1992 TO PRESENT; 2 SEMESTER HOURS IN AIR TRAFFIC CONTROL (TERMINOLOGY AND PROCEDURES) (VOC); EVAL: APR 93

**27132 - SEMESTER HOURS: 2**

AF 1402-0073; COMPLETION DATE: NOV 1991 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO DATA PROCESSING; 1 SEMESTER HOUR IN CLERICAL PROCEDURES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**27151 - SEMESTER HOUR: 1**

Deactivated: 24 JAN 95

AF 1704-0215; COMPLETION DATE: JULY 1991 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO AIRCRAFT DISPATCHING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**27152 - SEMESTER HOURS: 2**

Deactivated: 26 APR 96

AF 1408-0095; COMPLETION DATE: AUGUST 1992 TO PRESENT; 2 SEMESTER HOURS IN RECORDS AND INFORMATION MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**27350 - SEMESTER HOURS: 2**

Deactivated: 12 OCT 94

AF 1704-0216; COMPLETION DATE: SEPTEMBER 1988 TO PRESENT; 2 SEMESTER HOURS IN AIR TRAFFIC CONTROL, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**27450 - SEMESTER HOURS: 1**

Deactivated: 9 MAR 94

AF 1704-0217; COMPLETION DATE: MAY 1989 TO PRESENT; 1 SEMESTER HOUR IN ELEMENTS OF AIR TRAFFIC CONTROL, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**27550 - SEMESTER HOURS: 2**

Deactivated: 29 AUG 94

AF 1406-0068; COMPLETION DATE: AUGUST 1991 TO PRESENT; 1 SEMESTER HOUR IN RADIO COMMUNICATION; 1 SEMESTER HOUR IN PRINCIPLES OF SUPERVISION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**27750 - SEMESTER HOURS: 2**

Deactivated: 5 JUL 95

AF 1715-0755; COMPLETION DATE: MARCH 1985 TO PRESENT; 2 SEMESTER HOURS IN COMPUTER SYSTEM TROUBLESHOOTING AND MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**29130 - SEMESTER HOURS: 3**

Deactivated

AF 0504-0004; AF 1404-0004; COMPLETION DATE: FEBRUARY 1985 TO 7 MAR 1990; 2 SEMESTER HOURS IN DATA PROCESSING; 1 SEMESTER HOUR IN TELECOMMUNICATIONS; EVAL: FEB 87

**29150 - SEMESTER HOURS: 2 (2 VOC)**

Deactivated

AF 0504-0003; COMPLETION DATE: SEPTEMBER 1984 TO PRESENT; 2 SEMESTER HOURS IN COMMUNICATIONS (VOC); 2 SEMESTER HOURS IN INFORMATION PROCESSING THEORY; EVAL: OCT 85

**29353 - SEMESTER HOURS: 2 (3 VOC)**

Deactivated

AF 0504-0002; COMPLETION DATE: AUGUST 1984 TO OCTOBER 1988; 3 SEMESTER HOURS IN RADIO-TV COMMUNICATIONS CONCEPTS OR 1 SEMESTER HOUR IN ELECTRONICS, (VOC); 2 SEMESTER HOURS IN MEDIA OPERATIONS; EVAL: OCT 85

**2A051 - SEMESTER HOUR: 4**

AF 1715-0849; COMPLETION DATE MAY 1994 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONIC SYSTEMS TROUBLESHOOTING AND MAINTENANCE AND 1 IN PERSONNEL SUPERVISION: JUNE 1998

**2A051A - NO CREDIT**

AF 1715-0850; COMPLETION DATE: DECEMBER 1994 TO PRESENT: JUNE 1998

**2A051B - SEMESTER HOURS: 2**

AF 1715-0851; COMPLETION DATE: JUNE 1995 TO PRESENT; 1 SEMESTER HOUR IN MICROWAVE INSTRUMENTATION AND 1 IN REFRIGERATION: JUNE 1998

**2A151 - SEMESTER HOURS: 3**

AF 1715-0848; COMPLETION DATE: JANUARY 1996 TO PRESENT; 3 SEMESTER HOURS IN INDUSTRIAL INSTRUMENTATION SENSORS: JUNE 1998

**2A152A - SEMESTER HOUR: 3**

AF 1715-0847; COMPLETION DATE: FEBRUARY 1995 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONIC SYSTEMS TROUBLESHOOTING AND MAINTENANCE: JUNE 1998

**2A152B - SEMESTER HOURS: 2**

AF 1704-0307; COMPLETION DATE: APRIL 1995 TO PRESENT; 2 SEMESTER HOURS IN INTEGRATED FLIGHT CONTROL SYSTEMS: JUNE 1998

**2A152C - SEMESTER HOURS: 1**

AF 1704-0308; COMPLETION DATE: DECEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT INSTRUMENTS: JUNE 1998

**2A153A - SEMESTER HOURS: 3**

AF 1704-0305; COMPLETION DATE: MARCH 1995 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONIC CIRCUIT FUNDAMENTALS: JUNE 1998

**2A153E - SEMESTER HOURS: 3**

Deactivated

AF 1715-0833; COMPLETION DATE: FEBRUARY 1996 TO PRESENT; 3 SEMESTER HOURS IN BASIC ELECTRONICS LABORATORY: JUNE 1998

**2A153F - SEMESTER HOURS: 1**

AF 1715-0843; COMPLETION DATE: DECEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC NAVIGATION SYSTEMS FUNDAMENTALS: JUNE 1998

**2A154A - SEMESTER HOURS: 4**

AF 1715-0853; COMPLETION DATE: JANUARY 1996 TO PRESENT; 2 SEMESTER HOURS IN RADAR THEORY, DEVICES, AND ADVANCED MEASUREMENTS, 1 IN DIGITAL CIRCUITS, AND 1 IN ELECTRONIC TEST AND MEASUREMENT: JUNE 1998

**2A154B - SEMESTER HOUR: 5**

AF 1715-0846; COMPLETION DATE: JANUARY 1996 TO PRESENT; 4 SEMESTER HOURS IN RADAR SURVEILLANCE SYSTEMS AND 1 IN MICROWAVE THEORY AND DEVICES: JUNE 1998

**2A157A - SEMESTER HOURS: 1 OR 3**

AF 1717-0033; COMPLETION DATE: AUGUST 1995 TO PRESENT; IN THE VOCATIONAL CERTIFICATE CATEGORY, 1 SEMESTER HOUR IN CARE AND USE OF TOOLS AND SAFETY: JUNE 1998; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN MAINTENANCE MANAGEMENT: JUNE 1998

**2A157B - SEMESTER HOURS: 3**

AF 1715-0864; COMPLETION DATE: JULY 1995 TO PRESENT; 3 SEMESTER HOURS IN CARE AND USE OF ELECTRONIC TEST EQUIPMENT: JUNE 1998

**2A157C - SEMESTER HOURS: 3**

Deactivated: 2 MAR 99

AF 1715-0854; COMPLETION DATE: NOVEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN SOLID STATE DEVICES, 1 IN DIGITAL CIRCUITS, AND 1 IN RADAR SYSTEMS: JUNE 1998

**2A172 - NO CREDIT**

Deactivated: 13 SEP 00

AF 1715-0845; COMPLETION DATE: FEBRUARY 1996 TO PRESENT: MAY 1998

**2A173 - SEMESTER HOURS: 2**

AF 1715-0865; COMPLETION DATE: MARCH 1995 TO PRESENT; 1 SEMESTER HOUR IN COMMUNICATIONS/ NAVIGATION SYSTEMS MANAGEMENT AND 1 IN PERSONNEL SUPERVISION: JUNE 1998

**2A177 - NO CREDIT**

AF 1715-0855; COMPLETION DATE: MARCH 1995 TO PRESENT: JUNE 1998

**2A252B - SEMESTER HOURS: 3**

AF 1715-0856; COMPLETION DATE: DECEMBER 1993 TO FEBRUARY 1995, MARCH 1995 TO PRESENT; 1 SEMESTER HOUR IN BASIC ELECTRONICS, 1 IN DIGITAL FUNDAMENTALS, AND 1 IN RADAR FUNDAMENTALS: JUNE 1998

**2A351A - SEMESTER HOURS: 2**

AF 1715-0857; COMPLETION DATE: JUNE 1995 TO PRESENT; 1 SEMESTER HOUR IN BASIC RADAR PRINCIPLES AND 1 IN INERTIAL NAVIGATION SYSTEM FUNDAMENTALS: JUNE 1998

**2A351B - SEMESTER HOURS: 3**

AF 1704-0322; COMPLETION DATE: JANUARY 1994 TO PRESENT; 1 SEMESTER HOUR IN FLIGHT CONTROL SYSTEMS, 1 IN ELECTRONIC INDICATING SYSTEMS, AND 1 IN NAVIGATION SYSTEM FUNDAMENTALS: JUNE 1998

**2A351C - SEMESTER HOURS: 3**

AF 1715-0858; COMPLETION DATE: JUNE 1995 TO PRESENT; 1 SEMESTER HOUR IN COMMUNICATIONS SYSTEM FUNDAMENTALS, 1 IN NAVIGATION SYSTEM FUNDAMENTALS, AND 1 IN RADAR PRINCIPLES: JUNE 1998

**2A352 - NO CREDIT**

Deactivated: 12 APR 90

AF 1704-0327; COMPLETION DATE: MARCH 1996 TO PRESENT: JUNE 1998

**2A352A - NO CREDIT**

AF 1715-0863; COMPLETION DATE: AUGUST 1996 TO PRESENT: JUNE 1998

**2A352B - SEMESTER HOURS: 2**

AF 1704-0326; COMPLETION DATE: OCTOBER 1996 TO PRESENT; 2 SEMESTER HOURS IN AIRCRAFT SYSTEMS: JUNE 1998

**2A352C - SEMESTER HOURS: 2**

AF 1715-0862; COMPLETION DATE: MARCH 1996 TO PRESENT; 2 SEMESTER HOURS IN COMMUNICATIONS/NAVIGATION SYSTEMS OVERVIEW: JUNE 1998

**2A373A - SEMESTER HOURS: 3**

AF 1704-0324; COMPLETION DATE: FEBRUARY 1996 TO PRESENT; 1 SEMESTER HOUR IN PERSONNEL SUPERVISION, 1 IN AIRCRAFT FUEL SYSTEMS, AND 1 IN AIRCRAFT HYDRAULIC SYSTEMS: JUNE 1998

**2A373B - SEMESTER HOURS: 1**

AF 1406-0107; COMPLETION DATE: APRIL 1995 TO PRESENT; 1 SEMESTER HOUR IN PERSONNEL SUPERVISION: JUNE 1998

**2A373J - SEMESTER HOURS: 2**

AF 1704-0325; COMPLETION DATE: APRIL 1995 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT HYDRAULIC SYSTEMS AND 1 IN PERSONNEL SUPERVISION: JUNE 1998

**2A451A - SEMESTER HOURS: 1**

AF 1714-0049; COMPLETION DATE: FEBRUARY 1995 TO PRESENT; 1 SEMESTER HOUR IN BASIC AIRCRAFT ELECTRICITY: JUNE 1998

**2A451B - SEMESTER HOURS: 2**

AF 1704-0323; COMPLETION DATE: APRIL 1995 TO PRESENT; 1 SEMESTER HOUR IN FLIGHT CONTROL SYSTEMS AND 1 IN AIRCRAFT GUIDANCE SYSTEMS: JUNE 1998



**2A451C - SEMESTER HOURS: 1**

AF 1704-0311; COMPLETION DATE: DECEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN FLIGHT INSTRUMENTATION FUNDAMENTALS: JUNE 1998

**2A452A - SEMESTER HOURS: 3**

AF 1704-0302; COMPLETION DATE: FEBRUARY 1995 TO PRESENT; 2 SEMESTER HOURS IN BASIC ELECTRONICS REPAIR AND THEORY AND 1 IN GROUND OPERATIONS AND SERVICES: MAY 1998

**2A452B - SEMESTER HOURS: 4**

AF 1704-0312; COMPLETION DATE: JUNE 1995 TO PRESENT; 1 SEMESTER HOUR IN RADIO COMMUNICATIONS THEORY, 1 IN AIRCRAFT NAVIGATION SYSTEMS FUNDAMENTALS, 1 IN AIRCRAFT COMMUNICATIONS SYSTEMS FUNDAMENTALS, AND 1 IN AIRCRAFT RADAR SYSTEMS FUNDAMENTALS: JUNE 1998

**2A452C - NO CREDIT**

AF 1704-0301; COMPLETION DATE: DECEMBER 1995 TO PRESENT; MAY 1998

**2A453A - SEMESTER HOURS: 1**

Deactivated: 5 JUL 00

AF 1715-0859; COMPLETION DATE: DECEMBER 1996 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC COMMUNICATIONS: JUNE 1998

**2A453B - SEMESTER HOURS: 2**

AF 1715-0844; COMPLETION DATE: JULY 1996 TO PRESENT; 1 SEMESTER HOUR IN PRINCIPLES OF RADAR AND TRANSPONDER SYSTEMS AND 1 IN NAVIGATION SYSTEM FUNDAMENTALS: JUNE 1998

**2A453C - SEMESTER HOURS: 1**

AF 1715-0860; COMPLETION DATE: FEBRUARY 1996 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC COMMUNICATIONS: JUNE 1998

**2A471 - NO CREDIT**

Deactivated: 13 SEP 00

AF 1704-0300; COMPLETION DATE: FEBRUARY 1996 TO PRESENT; MAY 1998

**2A472 - NO CREDIT**

Deactivated: 3 JAN 00

AF 1704-0299; COMPLETION DATE: OCTOBER 19 94 TO PRESENT; JUNE 1998

**2A551 - SEMESTER HOURS: 4**

AF 1704-0321; COMPLETION DATE: SEPTEMBER 1994 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT GROUND OPERATIONS AND SERVICING, 1 IN AIRCRAFT INSPECTIONS, AND 2 IN TURBINE ENGINE OVERHAUL AND INSPECTION: JUNE 1998

**2A552A - SEMESTER HOURS: 4**

Deactivated: 17 OCT 97

AF 1704-0319; COMPLETION DATE: FEBRUARY 1995 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT HYDRAULIC SYSTEMS, 1 IN AIRCRAFT LANDING GEARS, 1 IN AIRWORTHINESS INSPECTION, AND 1 IN AIRCRAFT FUEL SYSTEMS: JUNE 1998

**2A552B - SEMESTER HOURS: 7**

Deactivated: 7 JUN 00

AF 1704-0320; COMPLETION DATE: OCTOBER 1995 TO PRESENT; 3 SEMESTER HOURS IN TURBINE ENGINE OVERHAUL AND INSPECTION, 2 IN AIRWORTHINESS INSPECTIONS, 1 IN AIRCRAFT HYDRAULIC SYSTEMS, AND 1 IN AIRCRAFT ASSEMBLY AND RIGGING: JUNE 1998

**2A553 - SEMESTER HOURS: 2**

Deactivated: 15 APR 99

AF 1717-0032; COMPLETION DATE: MARCH 1995 TO PRESENT; 2 SEMESTER HOURS IN MAINTENANCE MANAGEMENT FUNDAMENTALS: JUNE 1998

**2A553A - SEMESTER HOURS: 2**

Deactivated 25 MAR 99

AF 1704-0298; COMPLETION DATE: MARCH 1995 TO PRESENT; 2 SEMESTER HOURS IN SURVEY OF AVIONICS SYSTEM MAINTENANCE AND INTEGRATION: JUNE 1998

**2A553B - SEMESTER HOURS: 3**

AF 1704-0318; COMPLETION DATE: JULY 1995 TO PRESENT; 2 SEMESTER HOURS IN AIRCRAFT INSTRUMENT SYSTEMS AND 1 IN AIRCRAFT FLIGHT CONTROL SYSTEMS: JUNE 1998

**2A553C - SEMESTER HOURS: 2**

AF 1715-0842; COMPLETION DATE: JULY 1995 TO PRESENT; 1 SEMESTER HOUR IN FUNDAMENTALS OF AIRCRAFT RADIO COMMUNICATION SYSTEMS AND 1 IN FUNDAMENTALS OF VHF NAVIGATION SYSTEMS: JUNE 1998

**2A553X - SEMESTER HOURS: 1**

Deactivated: 25 MAR 99

AF 1715-0861; COMPLETION DATE: MAY 1995 TO PRESENT; 1 SEMESTER HOUR IN RADAR AND MICROWAVE SYSTEM FUNDAMENTALS: JUNE 1998

**2A571 - SEMESTER HOURS: 2**

AF 1704-0317; COMPLETION DATE: APRIL 1995 TO PRESENT; 1 SEMESTER HOUR IN PERSONNEL SUPERVISION AND 1 IN AIRCRAFT HYDRAULIC SYSTEMS: JUNE 1998

**2A651A - SEMESTER HOURS: 6**

AF 1704-0316; COMPLETION DATE: JUNE 1995 TO PRESENT; 5 SEMESTER HOURS IN TURBINE ENGINE OVERHAUL AND INSPECTION AND 1 IN ENGINE AIRWORTHINESS INSPECTION: JUNE 1998

**2A651B - SEMESTER HOURS: 4**

AF 1704-0315; COMPLETION DATE: JULY 1995; 2 SEMESTER HOURS IN GAS TURBINE ENGINE OVERHAUL AND INSPECTION, 1 IN TURBOPROP ENGINES AND SYSTEMS, AND 1 IN AIRCRAFT PROPELLERS: JUNE 1998

**2A652 - SEMESTER HOURS: 3**

AF 1714-0050; COMPLETION DATE: JUNE 1995 TO PRESENT; 1 SEMESTER HOUR IN BASIC AIRCRAFT ELECTRICITY AND 2 IN MOTOR AND GENERATORS: JUNE 1998

**2A652A - SEMESTER HOUR: 3**

Deactivated

AF 1714-0046; COMPLETION DATE: OCTOBER 1995 TO PRESENT; 3 SEMESTER HOURS IN ELECTRICAL CONSTRUCTION (TELEPHONY) OR 3 IN TELECOMMUNICATIONS CONSTRUCTION (BASIC): JUNE 1998

**2A653 - SEMESTER HOUR: 2**

AF 1717-0029; COMPLETION DATE: OCTOBER 1995 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE SUPERVISION FUNDAMENTALS AND 1 IN AIRCRAFT EGRESS SYSTEMS/LIFE SUPPORT SYSTEMS: JUNE 1998

**2A654 - SEMESTER HOURS: 2**

AF 1704-0329; COMPLETION DATE: NOVEMBER 1995 TO PRESENT; 2 SEMESTER HOURS IN AIRCRAFT FUEL SYSTEMS: JUNE 1998

**2A655 - SEMESTER HOURS: 3**

AF 1704-0328; COMPLETION DATE: DECEMBER 1994 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT ELECTRICAL SYSTEMS, 1 IN AIRCRAFT HYDRAULIC SYSTEMS, AND 1 IN AIRCRAFT LANDING GEARS: JUNE 1998

**2A671 - SEMESTER HOURS: 1**

Deactivated

AF 1704-0314; COMPLETION DATE: OCTOBER 1995 TO PRESENT; 1 SEMESTER HOUR IN TURBINE ENGINE OVERHAUL AND 1 IN ENGINE AIRWORTHINESS INSPECTION: JUNE 1998

**2A671A - SEMESTER HOURS: 2**

AF 1704-0314; COMPLETION DATE: OCTOBER 1995 TO PRESENT; 1 SEMESTER HOUR IN TURBINE ENGINE OVERHAUL AND 1 IN ENGINE AIRWORTHINESS INSPECTION: JUNE 1998

**2A671B - SEMESTER HOURS: 2**

AF 1717-0031; COMPLETION DATE: OCTOBER 1995 TO PRESENT; 1 SEMESTER HOUR IN TURBINE ENGINE INSPECTION AND 1 SEMESTER HOUR IN MAINTENANCE MANAGEMENT: JUNE 1998

**2A673 - SEMESTER HOURS: 2**

AF 1406-0106; COMPLETION DATE: NOVEMBER 1994 TO PRESENT; 1 SEMESTER HOUR IN HUMAN RESOURCE MANAGEMENT FUNDAMENTALS AND 1 IN AIRCREW EGRESS SYSTEMS: JUNE 1998

**2A674 - SEMESTER HOURS: 2**

Deactivated: 15 NOV 99

AF 1704-0313; COMPLETION DATE: JUNE 1995 TO PRESENT; 2 SEMESTER HOURS IN AIRCRAFT FUEL SYSTEMS: JUNE 1998

**2A675 - NO CREDIT**

AF 1715-0852; COMPLETION DATE: DECEMBER 1995 TO PRESENT: JUNE 1998

**2A676 - SEMESTER HOURS: 1**

AF 1704-0310; COMPLETION DATE: AUGUST 1996 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT SYSTEMS: JUNE 1998

**2A751A - SEMESTER HOURS: 3**

Deactivated: 22 JUL 99

AF 1104-0001; COMPLETION DATE: MAY 1996 TO PRESENT; 1 SEMESTER HOUR IN INTERMEDIATE ALGEBRA, 1 IN BASIC METALLURGY, AND 1 IN DRAFTING FUNDAMENTALS: JUNE 1998

**2A751B - SEMESTER HOURS: 3**

Deactivated: 1 NOV 99

AF 1723-0021; COMPLETION DATE: OCTOBER 1996 TO PRESENT; 2 SEMESTER HOURS IN MACHINE SHOP OPERATIONS AND 1 IN AIRCRAFT WELDING: JUNE 1998

**2A752 - SEMESTER HOURS: 4**

AF 1723-0020; COMPLETION DATE: FEBRUARY 1996 TO PRESENT; 4 SEMESTER HOURS IN AIRCRAFT NONDESTRUCTIVE TESTING METHODS: JUNE 1998

**2A753 - SEMESTER HOURS: 6**

AF 1723-0017; COMPLETION DATE: DECEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT CLEANING AND CORROSION CONTROL, 1 IN AIRCRAFT DRAWINGS, 1 IN AIRCRAFT FLUID LINES AND FITTINGS, 1 IN AIRCRAFT COMPOSITE, STRUCTURAL TECHNICIAN, AND 2 IN AIRCRAFT SHEETMETAL STRUCTURES: JUNE 1998

**2A754 - SEMESTER HOURS: 2**

AF 1717-0030; COMPLETION DATE: DECEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE SUPERVISION AND 1 IN SEWING MACHINE AND PARACHUTE REPAIR: JUNE 1998

**2A771 - SEMESTER HOURS: 1**

Deactivated: 14 DEC 98

AF 1723-0016; COMPLETION DATE: JULY 1995 TO PRESENT; 1 SEMESTER HOUR IN MACHINE SHOP SUPERVISION: JUNE 1998

**2A772 - NO CREDIT**

Deactivated: 23 NOV 99

AF 1723-0018; COMPLETION DATE: MARCH 1995 TO PRESENT: JUNE 1998

**2A773 - NO CREDIT**

AF 1723-0019; COMPLETION DATE: MAY 1995 TO PRESENT: JUNE 1998

**2A774 - NO CREDIT**

Deactivated: 11 FEB 00

AF 1733-0003; COMPLETION DATE: OCTOBER 1994 TO PRESENT: JUNE 1998

**2E051A - SEMESTER HOURS: 4**

AF 1715-0823; COMPLETION DATE: MARCH 1995 TO PRESENT; 1 SEMESTER HOUR IN SOLID STATE ELECTRONICS, 1 IN OPERATIONAL AMPLIFIERS AND APPLICATIONS, 1 IN DIGITAL PRINCIPLES, AND 1 IN ELECTRONIC SYSTEMS TROUBLESHOOTING AND MAINTENANCE: JUNE 1998

**2E051B - SEMESTER HOURS: 3**

AF 1715-0822; COMPLETION DATE: APRIL 1995 TO PRESENT; 3 SEMESTER HOURS IN RADAR SYSTEMS. THIS CREDIT DOES NOT DUPLICATE THAT LISTED IN AF-1715-0824 (2E051C): JUNE 1998

**2E051C - SEMESTER HOURS: 2**

AF 1715-0824; COMPLETION DATE: NOVEMBER 1995 TO PRESENT; 2 SEMESTER HOURS IN RADAR SYSTEMS: JUNE 1998

**2E152B - SEMESTER HOURS: 2**

AF 1715-0825; COMPLETION DATE: JUNE 1996 TO PRESENT; 2 SEMESTER HOURS IN ELECTRONIC SYSTEMS TROUBLESHOOTING AND MAINTENANCE: JUNE 1998

**2E153A - SEMESTER HOURS: 6**

AF 1715-0828; COMPLETION DATE: NOVEMBER 1995 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO DC CIRCUITS, 2 IN INTRODUCTION TO ELECTRONIC DEVICES, AND 2 IN INTRODUCTION TO DIGITAL LOGIC: JUNE 1998

**2E153B - SEMESTER HOURS: 4**

AF 1715-0829; COMPLETION DATE: JANUARY 1996 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO COMPUTER THEORY OR INTRODUCTION TO MICROPROCESSORS AND 2 IN INTRODUCTION TO COMMUNICATIONS THEORY: JUNE 1998

**2E153C - SEMESTER HOURS: 3**

AF 1704-0287; COMPLETION DATE: DECEMBER 1996 TO PRESENT; 3 SEMESTER HOURS IN ELECTIVE CREDIT IN AIR TRAFFIC CONTROL TECHNOLOGY: JUNE 1998

**2E154A - SEMESTER HOURS: 3**

AF 1715-0827; COMPLETION DATE: AUGUST 1996 TO PRESENT; 3 SEMESTER HOURS IN BASIC ELECTRONICS LABORATORY: JUNE 1998

**2E171 - SEMESTER HOURS: 1**

Deactivated: 9 JUL 99

AF 1715-0826; COMPLETION DATE: AUGUST 1994 TO PRESENT; 1 SEMESTER HOUR IN SATELLITE COMMUNICATIONS SYSTEMS: JUNE 1998

**2E251 - SEMESTER HOURS: 3**

AF 1715-0830; COMPLETION DATE: AUGUST 1996 TO PRESENT; 3 SEMESTER HOURS IN COMPUTER SYSTEMS TROUBLESHOOTING AND MAINTENANCE: JUNE 1998

**2E251C - SEMESTER HOURS: 3**

Deactivated: 3 JAN 00

AF 1715-0831; COMPLETION DATE: AUGUST 1996 TO PRESENT; 3 SEMESTER HOURS IN COMPUTER AND COMMUNICATIONS SYSTEMS MAINTENANCE: JUNE 1998

**2E251E - SEMESTER HOURS: 3**

AF 1715-0833; COMPLETION DATE: FEBRUARY 1996 TO PRESENT; 3 SEMESTER HOURS IN BASIC ELECTRONICS LABORATORY: JUNE 1998

**2E351B - SEMESTER HOURS: 2**

Deactivated: 27 DEC 00

AF 1715-0832; COMPLETION DATE: MARCH 1996 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC INSTRUMENTATION AND 1 DIGITAL COMMUNICATIONS: JUNE 1998

**2E652A - SEMESTER HOURS: 3**

Deactivated: 2 JAN 01

AF 1714-0046; COMPLETION DATE: OCTOBER 1995 TO PRESENT; 3 SEMESTER HOURS IN ELECTRICAL CONSTRUCTION (TELEPHONY) OR 3 IN TELECOMMUNICATIONS CONSTRUCTION (BASIC): JUNE 1998

**2E652B - SEMESTER HOURS: 3 OR 5**

Deactivated: 2 JAN 01

AF 1714-0048; COMPLETION DATE: JANUARY 1996 TO PRESENT; 3 SEMESTER HOURS IN ELECTRICAL CONSTRUCTION (INTERMEDIATE) OR 5 IN TELECOMMUNICATIONS CONSTRUCTION (INTERMEDIATE): JUNE 1998

**2E652C - SEMESTER HOURS: 4**

Deactivated: 2 JAN 01

AF 1714-0047; COMPLETION DATE: APRIL 1996 TO PRESENT; 2 SEMESTER HOURS IN ELECTRICAL CONSTRUCTION (TELEPHONY) (ADVANCED), OR 2 IN TELECOMMUNICATIONS CONSTRUCTION (ADVANCE) AND 2 IN FIBER OPTIC COMMUNICATIONS: JUNE 1998

**2E653A - SEMESTER HOURS: 4**

AF 1715-0834; COMPLETION DATE: NOVEMBER 1996 TO PRESENT; 4 SEMESTER HOURS IN TELEPHONY SYSTEMS: JUNE 1998

**2E851A - SEMESTER HOURS: 2**

Deactivated: 12 JUL 00

AF 1715-0835; COMPLETION DATE: FEBRUARY 1996 TO PRESENT; 1 SEMESTER HOUR IN AC CIRCUITS AND 1 IN DC CIRCUITS: JUNE 1998

**2E851B - SEMESTER HOURS: 3**

AF 1715-0836; COMPLETION DATE: MAY 1996 TO PRESENT; 3 SEMESTER HOURS IN TELEMETRY AND INSTRUMENTATION SYSTEMS: JUNE 1998

**2M051A - NO CREDIT**

AF 1704-0288; COMPLETION DATE: DECEMBER 1995 TO PRESENT: JUNE 1998

**2M051B - NO CREDIT**

AF 1704-0290; COMPLETION DATE: JANUARY 1996 TO PRESENT: JUNE 1998

**2M051C - NO CREDIT**

AF 1704-0289; COMPLETION DATE: FEBRUARY 1996 TO PRESENT: JUNE 1998

**2M052 - NO CREDIT**

AF 1704-0304; COMPLETION DATE: FEBRUARY 1996 TO PRESENT: MAY 1998

**2M053 - SEMESTER HOURS: 3**

AF 1730-0017; COMPLETION DATE: JULY 1996 TO PRESENT; IN THE VOCATIONAL CERTIFICATE CATEGORY, 1 SEMESTER HOUR IN EMERGENCY POWER SYSTEMS: JUNE 1998; IN THE LOWER DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN HEATING, VENTILATION, AND AIR CONDITIONING SYSTEMS AND 1 IN REFRIGERATION SYSTEMS: JUNE 1998

**2M071 - SEMESTER HOUR: 1**

AF 1715-0840; COMPLETION DATE: OCTOBER 1996 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC SYSTEMS TROUBLESHOOTING AND MAINTENANCE: JUNE 1998

**2P051A - SEMESTER HOURS: 3**

AF 1715-0838; COMPLETION DATE: AUGUST 1996 TO PRESENT; 1 SEMESTER HOUR IN INDUSTRIAL SAFETY AND 2 IN PHYSICAL MEASUREMENTS LABORATORY OR 2 IN PROCESS CONTROL INSTRUMENTATION: JUNE 1998

**2P071 - SEMESTER HOURS: 3**

AF 1715-0839; COMPLETION DATE: JANUARY 1996 TO PRESENT; 3 SEMESTER HOURS IN MICROWAVE TESTING THEORY: JUNE 1998

**2S052 - SEMESTER HOURS: 1**

AF 1405-0072; COMPLETION DATE: DECEMBER 1993 TO PRESENT; 1 SEMESTER HOUR IN INVENTORY CONTROL, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**30250 - SEMESTER HOURS: 6**

Deactivated: 9 NOV 90

AF 1304-0014; COMPLETION DATE: MAY 1985 TO PRESENT; 3 SEMESTER HOURS IN METEOROLOGICAL INSTRUMENTATION; 3 SEMESTER HOURS IN DIGITAL TECHNIQUES; EVAL: NOV 86

**30351 - SEMESTER HOURS: 3**

Deactivated: 14 JUL 94

AF 1715-0003; COMPLETION DATE: SEPT 91 TO PRESENT; 3 SEMESTER HOURS IN BASIC MICROWAVE SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**30352 - SEMESTER HOURS: 6**

Deactivated: 14 JUL 94

AF 1715-0005; COMPLETION DATE: SEPTEMBER 1983 TO PRESENT; 3 SEMESTER HOURS IN FUNDAMENTALS OF DIGITAL TECHNIQUES; 3 SEMESTER HOURS IN RADAR FUNDAMENTALS; EVAL: NOV 86

**30353 - SEMESTER HOURS: 5 (VOC)**

Deactivated: 19 SEP 91

AF 1715-0007; COMPLETION DATE: JULY 1984 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONIC MAINTENANCE PROCEDURES; 2 SEMESTER HOURS IN RADAR FUNDAMENTALS; EVAL: NOV 86

**30353A - SEMESTER HOUR(S): 3**

Deactivated: 14 JUL 94

AF 1715-0744; COMPLETION DATE: SEP 91 TO PRESENT; 1 SEMESTER HOUR IN ANALOG CIRCUITS; 1 SEMESTER HOUR IN DIGITAL CIRCUITS; 1 SEMESTER HOUR IN MICROWAVE SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**30353B - NO CREDIT**

Deactivated: 27 SEP 99

AF 1715-0794; COMPLETION DATE: FEB 1992 TO PRESENT; EVAL: APR 93

**30353C - SEMESTER HOURS: 1**

Deactivated: 27 SEP 99

AF 1715-0812; COMPLETION DATE: JULY 1992 TO PRESENT; 1 SEMESTER HOUR IN RADAR SYSTEM, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**30371 - SEMESTER HOURS: 4 (3 VOC)**

Deactivated: 10 JAN 94

AF 1715-0009; COMPLETION DATE: JULY 1985 TO PRESENT; 3 SEMESTER HOURS IN MAINTENANCE TECHNIQUES, VOCATIONAL CERTIFICATE; 1 SEMESTER HOUR IN BASIC ELECTRONICS; 3 SEMESTER HOURS IN DIGITAL TECHNIQUES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**30372 - SEMESTER HOURS: 2 (VOC)**

Deactivated

AF 1715-0010; COMPLETION DATE: JULY 1985 TO MAY 1988; 2 SEMESTER HOURS IN FUNDAMENTALS OF RADAR; EVAL: NOV 86

**30373 - NO CREDIT**

Deactivated

AF 1715-0011; COMPLETION DATE: AUGUST 1990; EVAL: NOV 86

**30450 - SEMESTER HOURS: 2**

Deactivated: 1 NOV 93

AF 1715-0208; COMPLETION DATE: DECEMBER 1982 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO COMMUNICATIONS SYSTEMS; EVAL: MAR 85

**30451 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 9 NOV 90

AF 1715-0012; COMPLETION DATE: JULY 1982 TO PRESENT; 3 SEMESTER HOURS IN AIR NAVIGATIONAL SYSTEMS; EVAL: NOV 86

**30452A - SEMESTER HOURS: 1**

Deactivated: 15 APR 96

AF 1715-0821; COMPLETION DATE: JANUARY 1994 TO PRESENT; 1 SEMESTER HOUR IN RADIO NAVIGATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**30452B - NO CREDIT**

Deactivated: 31 JUL 98

AF 1304-0017; COMPLETION DATE: AUGUST 1993 TO PRESENT; EVAL: JUNE 1994

**30454 - SEMESTER HOURS: 2**

Deactivated: 26 APR 90

AF 1715-0227; COMPLETION DATE: MARCH 1981 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO COMMUNICATIONS SYSTEMS; EVAL: MAR 85

**30454A - SEMESTER HOUR(S): 1**

Deactivated: 29 NOV 95

AF 1715-0750; COMPLETION DATE: MAY 90 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONICS TEST AND MEASUREMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**30454B - SEMESTER HOUR(S): 2**

Deactivated: 18 JUN 99

AF 1715-0792; COMPLETION DATE: JUL 90 TO PRESENT; 1 SEMESTER HOUR IN DIGITAL CIRCUITS; 1 SEMESTER HOUR IN ELECTRONIC COMMUNICATIONS FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**30455 - SEMESTER HOURS: 10 (VOC)**

Deactivated: 4 OCT 91

AF 1715-0013; COMPLETION DATE: JULY 1981 TO PRESENT; 2 SEMESTER HOURS IN ELECTRONICS; 2 SEMESTER HOURS IN DIGITAL CIRCUITS; 6 SEMESTER HOURS IN TELEVISION EQUIPMENT SPECIALIST; EVAL: NOV 86

**30455A - SEMESTER HOURS: 7 (VOC)**

Deactivated: 29 AUG 96

AF 1715-0796; COMPLETION DATE: AUGUST 1992 TO PRESENT; 1 SEMESTER HOUR IN FUNDAMENTALS OF ELECTRONICS (VOC); 3 SEMESTER HOURS IN DIGITAL LOGIC CIRCUITS AND SYSTEMS (VOC); 3 SEMESTER HOURS IN ELECTRONIC LABORATORY (VOC); EVAL: APR 93

**30455B - SEMESTER HOURS: 4**

Deactivated: 1 FEB 99

AF 1715-0798; COMPLETION DATE: AUGUST 1992 TO PRESENT; 4 SEMESTER HOURS IN INTRODUCTION TO TV SYSTEMS OPERATION AND MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**30456 - SEMESTER HOURS: 3 (VOC) 3 (LDB/AD) 3 (UDB)**

Deactivated: 1 NOV 93

AF 1715-0014; COMPLETION DATE: MAY 1983 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONICS, VOCATIONAL CERTIFICATE; 3 SEMESTER HOURS IN DIGITAL CIRCUITS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; 3 SEMESTER HOURS IN DIGITAL COMMUNICATION, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**30457A - SEMESTER HOURS: 3**

Deactivated: 11 DEC 97

AF 1715-0797; COMPLETION DATE: APRIL 1992 TO PRESENT; 1 SEMESTER HOUR IN WIDEBAND COMMUNICATION; 2 SEMESTER HOURS IN DIGITAL LOGIC THEORY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**30457B - SEMESTER HOURS: 3**

Deactivated: 1 MAR 99

AF 1715-0799; COMPLETION DATE: SEPTEMBER 1992 TO PRESENT; 3 SEMESTER HOURS IN WIDEBAND COMMUNICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**30470 - SEMESTER HOURS: 1**

Deactivated: 1 MAY 90

AF 1715-0015; COMPLETION DATE: FEBRUARY 1983 TO PRESENT; 1 SEMESTER HOUR IN COMMUNICATION THEORY, (UPPER DIVISION); EVAL: NOV 86

**30471 - SEMESTER HOURS: 3 (1 VOC)**

Deactivated: 8 FEB 90

AF 17155-0017; COMPLETION DATE: NOVEMBER 1984 TO PRESENT; 1 SEMESTER HOUR IN FUNDAMENTALS OF ELECTRONIC CIRCUITS, (VOC); 3 SEMESTER HOURS IN FUNDAMENTALS OF DIGITAL TECHNIQUES; EVAL: NOV 86

**30474 - SEMESTER HOURS: 2**

Deactivated: 11 FEB 91

AF 1715-0465; COMPLETION DATE: JULY 1983 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO COMMUNICATIONS SYSTEMS; EVAL: MAR 85

**30476 - NO CREDIT**

Deactivated

AF 1715-0021; COMPLETION DATE: AUG 1990; EVAL: NOV 86

**30554 - SEMESTER HOURS: 4**

Deactivated: 13 FEB 96

AF 1715-0765; COMPLETION DATE: JANUARY 1990 TO PRESENT; 3 SEMESTER HOURS IN DIGITAL ELECTRONICS; 1 SEMESTER HOUR IN SEMICONDUCTOR CIRCUIT ANALYSIS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**30650 - SEMESTER HOURS: 2 (3 VOC)**

Deactivated: 26 SEP 90

AF 1715-0024; COMPLETION DATE: MARCH 1985 TO PRESENT; 2 SEMESTER HOURS IN ELECTRONICS (VOC); 1 SEMESTER HOUR IN MAINTENANCE PRACTICES (VOC); 2 SEMESTER HOURS IN COMMUNICATION THEORY; EVAL: NOV 86

**30651 - SEMESTER HOURS: 6 (VOC)**

Deactivated

AF 1715-0026; COMPLETION DATE: MARCH 1982 TO MAY 1988; 3 SEMESTER HOURS IN INTRODUCTION TO DATA PROCESSING; 3 SEMESTER HOURS IN COMPUTER-MECHANICAL EQUIPMENT MAINTENANCE; EVAL: NOV 86

**30652 - SEMESTER HOURS: 3**

Deactivated

AF 1715-0450; COMPLETION DATE: JANUARY 1983 TO APRIL 1988; 3 SEMESTER HOURS IN COMPUTER PERIPHERAL REPAIR; EVAL: MAR 85

**30653 - SEMESTER HOURS: 6 (VOC)**

Deactivated: 26 SEP 90

AF 1715-0031; COMPLETION DATE: OCTOBER 1986 TO PRESENT; 3 SEMESTER HOURS IN BASIC ELECTRONICS; 3 SEMESTER HOURS IN COMPUTER MAINTENANCE; EVAL: NOV 86

**30656 - SEMESTER HOUR(S): 4**

Deactivated: 1 NOV 93

AF 1715-0754; COMPLETION DATE: OCT 90 TO PRESENT; 1 SEMESTER HOUR IN AC/DC CIRCUITS; 1 SEMESTER HOUR IN TELECOMMUNICATIONS; 1 SEMESTER HOUR IN DIGITAL PRINCIPLES; 1 SEMESTER HOUR IN SOLID STATE ELECTRONICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**30656A - SEMESTER HOURS: 3**

Deactivated: 27 DEC 00

AF 1715-0820; COMPLETE DATE: NOVEMBER 1993 TO PRESENT; 1 SEMESTER HOUR IN AC/DC CIRCUITS; 1 IN DIGITAL PRINCIPLES; 1 IN SOLID STATE ELECTRONICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**30656B - SEMESTER HOURS: 1**

Deactivated: 22 MAR 96

AF 1715-0813; COMPLETION DATE: DECEMBER 1993 TO PRESENT; 1 SEMESTER HOUR IN TELECOMMUNICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**30750 - SEMESTER HOURS: 8**

Deactivated: 21 DEC 89

AF 1715-0390; COMPLETION DATE: JANUARY 1983 TO PRESENT; 3 SEMESTER HOURS IN DATA COMMUNICATIONS IN A NON-ENGINEERING DEGREE PROGRAM, (UPPER DIV); 5 SEMESTERS HOURS IN COMMUNICATIONS SYSTEMS & TELECOMMUNICATIONS; EVAL: OCT 85

**30770 - SEMESTER HOURS: 2 (3 VOC)**

Deactivated

AF 1715-0034; COMPLETION DATE: SEPTEMBER 1977 TO JAN 1991; 3 SEMESTER HOURS IN MANAGEMENT TECHNOLOGY (VOC); 2 SEMESTER HOURS IN TELECOMMUNICATIONS THEORY, (UPPER DIVISION); EVAL: NOV 86

**30950 - SEMESTER HOURS: 3 (2 VOC)**

Deactivated: 26 AUG 97

AF 1715-0036; COMPLETION DATE: JULY 1984 TO PRESENT; 2 SEMESTER HOURS IN ELECTRONICS (VOC); 3 SEMESTER HOURS IN FUNDAMENTALS OF DIGITAL TECHNIQUES; EVAL: NOV 86

**31650G - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1715-0038; COMPLETION DATE: SEPTEMBER 1982 TO PRESENT; 3 SEMESTER HOURS IN INDUSTRIAL MAINTENANCE; EVAL: NOV 86

**31650T - SEMESTER HOURS: 3 (6 VOC)**

Deactivated: 24 MAY 90

AF 1715-0043; COMPLETION DATE: SEPTEMBER 1982 TO PRESENT; 3 SEMESTER HOURS IN INDUSTRIAL MAINTENANCE (VOC); 3 SEMESTER HOURS IN INSTRUMENTATION (VOC); 2 SEMESTER HOURS IN FUNDAMENTALS OF DIGITAL TECHNIQUES; 1 SEMESTER HOUR IN ELECTRONICS; EVAL: NOV 86

**31653 - SEMESTER HOURS: 4 (3 VOC)**

Deactivated: 4 AUG 95

AF 1715-0045; COMPLETION DATE: SEPTEMBER 1983 TO PRESENT; 3 SEMESTER HOURS IN INSTRUMENTATION (VOC); 3 SEMESTER HOURS IN ELECTRONIC INSTRUMENTATION; 1 SEMESTER HOUR IN FUNDAMENTALS OF DIGITAL TECHNIQUES; EVAL: NOV 86

**32150 - NO CREDIT**

Deactivated: 5 OCT 89

AF 1715-0046; EVAL: NOV 86

**32150K - SEMESTER HOURS: 1 (VOC)**

Deactivated

AF 1715-0049; COMPLETION DATE: SEPTEMBER 1980 TO DECEMBER 1988; 1 SEMESTER HOUR IN ELECTRONICS SURVEY; EVAL: NOV 86

**32151G - SEMESTER HOURS: 1 (VOC)**

Deactivated 14 OCT 92

AF 1715-0047; COMPLETION DATE: NOVEMBER 1983 TO PRESENT; 1 SEMESTER HOUR IN BASICS OF RADAR; EVAL: NOV 86

**32152 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 8 DEC 93

AF 1715-0800; COMPLETION DATE: JULY 1992 TO PRESENT; 3 SEMESTER HOURS IN BASIC ELECTRONICS (VOC); EVAL: APR 93

**32152A - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1715-0051; COMPLETION DATE: MAY 1980 TO AUGUST 1988; 2 SEMESTER HOURS IN BASIC AC/DC ELECTRICITY; 1 SEMESTER HOUR IN BASIC ELECTRONICS; EVAL: NOV 86

**32152P - SEMESTER HOURS: - 1 (VOC)**

Deactivated

AF 1715-0052; COMPLETION DATE: JUNE 1984 TO PRESENT; 1 SEMESTER HOUR IN BASIC AC/DC CIRCUIT ANALYSIS; EVAL: NOV 86

**32152Q - SEMESTER HOURS: 1 (VOC)**

Deactivated: 9 JUL 92

AF 1715-0053; COMPLETION DATE: JUNE 1983 TO PRESENT; 1 SEMESTER HOUR IN SEMICONDUCTOR CIRCUITS; EVAL: NOV 86

**32152S - SEMESTER HOURS: 2 (VOC)**

Deactivated: 5 OCT 90

AF 1715-0054; COMPLETION DATE: AUGUST 1978 TO PRESENT; 1 SEMESTER HOUR IN TRANSISTOR CIRCUITRY; 1 SEMESTER HOUR IN INTRODUCTION TO NUMBER SYSTEMS AND DIGITAL LOGIC; EVAL: NOV 86



**32172 - NO CREDIT**

Deactivated  
AF 1715-0055; EVAL: NOV 86

**32172P - NO CREDIT**

Deactivated: 8 AUG 90  
AF 1715-0056; EVAL: NOV 86

**32172Q - NO CREDIT**

Deactivated: 9 JUL 92  
AF 1715-0063; EVAL: NOV 86

**32252A - SEMESTER HOURS: 2 (3 VOC)**

Deactivated  
AF 1715-0068; COMPLETION DATE: AUGUST 1983 TO JAN 1991; 2 SEMESTER HOURS IN ELECTRONICS PRINCIPLES (VOC); 1 SEMESTER HOUR IN RADAR PRINCIPLES (VOC); 2 SEMESTER HOURS IN DIGITAL PRINCIPLES; EVAL: NOV 86

**32252B - SEMESTER HOURS: 3 (VOC)**

Deactivated: 12 FEB 90  
AF 1715-0070; COMPLETION DATE: JULY 1983 TO PRESENT; 3 SEMESTER HOURS IN BASIC ELECTRICITY AND ELECTRONICS; EVAL: NOV 86

**32252C - SEMESTER HOURS: 3 (VOC)**

Deactivated  
AF 1715-0071; COMPLETION DATE: AUGUST 1983 TO JAN 1991; 3 SEMESTER HOURS IN BASIC ELECTRONICS AND TROUBLESHOOTING; EVAL: NOV 86

**32450 - NO CREDIT**

Deactivated: 15 AUG 96  
AF 1715-0073; EVAL: NOV 86

**32470 - NO CREDIT**

Deactivated: 27 JAN 96  
AF 1715-0074; EVAL: NOV 86

**32550 - SEMESTER HOURS: 3 (VOC)**

Deactivated  
AF 1715-0075; COMPLETION DATE: NOVEMBER 1984 TO 23 AUG 1990; SEMESTER HOURS IN BASIC ELECTRICAL THEORY; EVAL: NOV 86

**32551 - SEMESTER HOURS: 3 (VOC)**

Deactivated  
AF 1715-0080; COMPLETION DATE: MARCH 1985 TO 23 AUG 1990; 3 SEMESTER HOURS IN BASIC ELECTRICITY; EVAL: NOV 86

**32650 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 16 APR 91  
AF 1715-0076; COMPLETION DATE: JULY 1983 TO PRESENT; 2 SEMESTER HOURS IN SEMICONDUCTOR CIRCUITS; 1 SEMESTER HOUR IN DIGITAL FUNDAMENTALS; EVAL: NOV 86

**32650C - SEMESTER HOURS: 2 (VOC)**

Deactivated: 12 MAR 91  
AF 1715-0077; COMPLETION DATE: AUGUST 1984 TO PRESENT; 1 SEMESTER HOUR IN TRANSISTOR AMPLIFIERS; 1 SEMESTER HOUR IN COMPUTERS; EVAL: NOV 86

**32650D - SEMESTER HOURS: 1**

Deactivated  
AF 1715-0078; COMPLETION DATE: SEPTEMBER 1985 TO PRESENT; 1 SEMESTER HOUR IN DIGITAL CIRCUITS; EVAL: NOV 86

**32653A - SEMESTER HOURS: 2**

Deactivated  
AF 1715-0081; COMPLETION DATE: DECEMBER 1984 TO OCT 1990; 2 SEMESTER HOURS IN DIGITAL FUNDAMENTALS; EVAL: NOV 86

**32653B - SEMESTER HOURS: 2**

Deactivated: 3 OCT 89  
AF 1715-0082; COMPLETION DATE: MARCH 1984 TO PRESENT; 2 SEMESTER HOURS IN DIGITAL FUNDAMENTALS; EVAL: NOV 86

**32654 - SEMESTER HOURS: 3 (VOC)**

Deactivated

COMPLETION DATE: APRIL 1981 TO OCT 1990; 3 SEMESTER HOURS IN COMMUNICATION SYSTEMS, VOCATIONAL CERTIFICATE; EVAL: NOV 86

**32654A - SEMESTER HOURS: 2**

Deactivated

AF 1715-0087; COMPLETION DATE: JANUARY 1983 TO NOV 1990; 2 SEMESTER HOURS IN DIGITAL COMPUTER FUNDAMENTALS; EVAL: NOV 86

**32654B - SEMESTER HOURS: 2**

Deactivated: 23 OCT 89

AF 1715-0086; COMPLETION DATE: DECEMBER 1984 TO PRESENT; 2 SEMESTER HOURS IN DIGITAL FUNDAMENTALS; EVAL: NOV 86

**32654C - SEMESTER HOURS: 2**

Deactivated

AF 1715-0084; COMPLETION DATE: AUGUST 1984 TO 17 APR 1990; 2 SEMESTER HOURS IN DIGITAL CIRCUIT FUNDAMENTALS; EVAL: NOV 86

**32655 - SEMESTER HOURS: 2**

Deactivated

AF 1715-0083; COMPLETION DATE: MAY 1984 TO 22 JAN 1989; 2 SEMESTER HOURS IN DIGITAL CIRCUIT FUNDAMENTALS; EVAL: NOV 86

**32655A - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1715-0093; COMPLETION DATE: MAY 1984 TO OCT 1990; 3 SEMESTER HOURS IN TEST EQUIPMENT AND MEASUREMENTS; EVAL: NOV 86

**32655B - SEMESTER HOURS: 3 (VOC)**

Deactivated: 3 OCT 89

AF 1715-0092; COMPLETION DATE: JANUARY 1984 TO PRESENT; 3 SEMESTER HOURS IN TEST EQUIPMENT AND MEASUREMENTS; EVAL: NOV 86

**32656 - SEMESTER HOURS: 2 (4 VOC)**

Deactivated

AF 1715-0091; COMPLETION DATE: MAY 1985 TO 10 MAY 1989; 2 SEMESTER HOURS IN MECHANICAL TOOLS AND WIRING (VOC); 2 SEMESTER HOURS IN COMPUTER FUNDAMENTALS AND SYSTEMS (VOC); 2 SEMESTER HOURS IN COMMUNICATIONS; EVAL: NOV 86

**32656A - NO CREDIT**

Deactivated

AF 1715-0090; COMPLETION DATE: APRIL 1989; EVAL: NOV 86

**32656B - NO CREDIT**

Deactivated: 15 MAY 90

AF 1704-0218; COMPLETION DATE: OCTOBER 1984 TO PRESENT; EVALUATED DECEMBER 1989

**32656C - NO CREDIT**

Deactivated: 17 AUG 89

AF 1704-0219; COMPLETION DATE: JANUARY 1985 TO PRESENT; EVALUATED DECEMBER 1989

**32657 - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1715-0095; COMPLETION DATE: AUGUST 1983 TO 10 MAY 1989; 1 SEMESTER HOUR IN TOOL USAGE; 2 SEMESTER HOURS IN DIGITAL AND COMPUTER FUNDAMENTALS; EVAL: NOV 86

**32657A - NO CREDIT**

Deactivated

AF 1715-0094; COMPLETION DATE: NOV 1990; EVAL: NOV 86

**32657B - NO CREDIT**

Deactivated: 12 FEB 90

AF 1715-0098; EVAL: NOV 86

**32657C - NO CREDIT**

Deactivated

AF 1715-0099; COMPLETION DATE: MAR 1991; EVAL: NOV 86

**32658 - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1715-0100; COMPLETION DATE: JUNE 1985 TO 10 MAY 1989; 1 SEMESTER HOUR IN TOOL USAGE; 2 SEMESTER HOURS IN DIGITAL AND COMPUTER FUNDAMENTALS; EVAL: NOV 86

**32658A - NO CREDIT**

Deactivated

AF 1715-0101; COMPLETION DATE: MAR 1991; EVAL: NOV 86

**32658B - NO CREDIT**

Deactivated: 18 JUL 89

AF 1715-0106; EVAL: NOV 86

**32658C - NO CREDIT**

Deactivated: 12 MAR 90

AF 1704-0220; COMPLETION DATE: MAY 1984 TO PRESENT; EVALUATED DECEMBER 1989

**32676 - SEMESTER HOURS: 1 (1 VOC)**

Deactivated

AF 1715-0113; COMPLETION DATE: OCTOBER 1983 TO SEPTEMBER 1988; 1 SEMESTER HOUR IN AC/DC CIRCUITS (VOC); 1 SEMESTER HOUR IN BASICS OF DIGITAL COMPUTER SYSTEMS; EVAL: NOV 86

**32677 - SEMESTER HOURS: 1 (1 VOC)**

Deactivated

AF 1715-0114; COMPLETION DATE: AUGUST 1983 TO SEPTEMBER 1988; 1 SEMESTER HOUR IN AD/DC CIRCUITS (VOC); 1 SEMESTER HOUR IN BASICS OF DIGITAL COMPUTER SYSTEMS; EVAL: NOV 86

**32678 - SEMESTER HOURS: 2 (VOC)**

Deactivated

AF 1715-0117; COMPLETION DATE: SEPTEMBER 1983 TO SEPTEMBER 1988; 1 SEMESTER HOUR IN AC/DC CIRCUITS; 1 SEMESTER HOUR IN DIGITAL COMPUTER SYSTEMS; EVAL: NOV 86

**32850 - SEMESTER HOURS: 1 (1 VOC)**

Deactivated

AF 1715-0120; COMPLETION DATE: SEPTEMBER 1985 TO 27 APR 1990; 1 SEMESTER HOUR IN AC/DC CIRCUITS (VOC); 1 SEMESTER HOUR IN BASICS OF DIGITAL COMPUTER SYSTEMS; EVAL: NOV 86

**32851 - SEMESTER HOURS: 5**

Deactivated

AF 1715-0467; COMPLETION DATE: JULY 1984 TO 27 APR 1990; 3 SEMESTER HOURS IN COMMUNICATIONS SYSTEMS; 2 SEMESTER HOURS IN MANAGEMENT AND SUPERVISION; EVAL: MAR 85

**32852 - SEMESTER HOURS: 6 (2 VOC)**

Deactivated: 2 JAN 96

AF 1715-0801; COMPLETION DATE: NOV 91 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC SHOP PRACTICES (VOC); 1 SEMESTER HOUR IN BASIC ELECTRONIC LABORATORY (VOC); 3 SEMESTER HOURS IN DIGITAL AND COMPUTER FUNDAMENTALS; 3 SEMESTER HOURS IN RADAR PRINCIPLES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**32853 - SEMESTER HOURS: 6**

Deactivated: 21 DEC 89

AF 1715-0466; COMPLETION DATE: AUGUST 1983 TO PRESENT; 3 SEMESTER HOURS IN COMMUNICATION SYSTEMS; 3 SEMESTER HOURS IN INTRODUCTION TO COMPUTERS; EVAL: MAR 85

**32854 - SEMESTER HOURS: 2**

Deactivated

AF 1715-0442; COMPLETION DATE: NOVEMBER 1984 TO 27 APR 1990; 2 SEMESTER HOURS IN MICROWAVE FUNDAMENTALS OR MHF TECHNIQUES; EVAL: MAR 85

**32855 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 1 MAR 95

AF 1715-0122; COMPLETION DATE: MAY 1985 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC CIRCUITS; EVAL: NOV 86

**32870 - NO CREDIT**

Deactivated: 10 AUG 90

AF 1715-0116; EVAL: NOV 86

**36150 - NO CREDIT**

Deactivated: 24 FEB 99

AF 1715-0802; COMPLETION DATE: OCT 1988 TO PRESENT; EVAL: APR 93

**36151 - SEMESTER HOURS: 4 (VOC)**

Deactivated: 26 NOV 91

AF 1715-0126; COMPLETION DATE: JUNE 1985 TO PRESENT; 4 SEMESTER HOURS IN COMMUNICATION SYSTEMS (CABLE INSTALLATION/MAINTENANCE); EVAL: NOV 86

**36151A - NO CREDIT**

Deactivated: 3 OCT 95

AF 1714-0036; COMPLETION DATE: NOV 91 TO PRESENT; EVAL: APR 93

**36151B - NO CREDIT**

Deactivated: 15 JUN 99

AF 1714-0037; COMPLETION DATE: NOV 91 TO PRESENT; EVAL: APR 93

**36251 - SEMESTER HOURS: 6 (3 VOC)**

Deactivated: 5 SEP 96

AF 1715-0803; COMPLETION DATE: AUGUST 1991 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONIC AND ELECTROMECHANICAL COMMUNICATIONS SYSTEMS (VOC); 3 SEMESTER HOURS IN DIGITAL FUNDAMENTALS; 3 SEMESTER HOURS IN COMMUNICATIONS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**36253 - NO CREDIT**

Deactivated: 8 SEP 98

AF 1714-0038; COMPLETION DATE: AUG 1992 TO PRESENT; EVAL: APR 93

**36254 - SEMESTER HOURS: 3**

Deactivated: 5 SEP 96

AF 1715-0131; COMPLETION DATE: APRIL 1981 TO PRESENT; 3 SEMESTER HOURS IN COMMUNICATION SYSTEMS; EVAL: NOV 86

**39150 - SEMESTER HOURS: 4 (6 VOC)**

Deactivated: 23 JUL 92

AF 1402-0069; COMPLETION DATE: AUGUST 1986 TO PRESENT; 5 SEMESTER HOURS IN MAINTENANCE MANAGEMENT (VOC); 1 SEMESTER HOUR IN DATA PROCESSING (VOC); 2 SEMESTER HOURS IN BUSINESS COMMUNICATIONS OR TECHNICAL WRITING; 2 SEMESTER HOURS IN STATISTICS; EVAL: FEB 87

**39170 - SEMESTER HOUR(S): 3**

Deactivated: 27 JUN 95

AF 1107-0002; COMPLETION DATE: MAY 87 TO PRESENT; 3 SEMESTER HOURS IN STATISTICS FOR NON-MATHEMATICS MAJORS, UPPER-DIVISION BACCALAUREATE; EVAL: NOV 91

**39250 - SEMESTER HOURS: 1 (8 VOC)**

Deactivated: 6 APR 95

AF 1408-0070; COMPLETION DATE: MARCH 1984 TO PRESENT; 1 SEMESTER HOUR IN RECORDS MANAGEMENT (VOC); 2 SEMESTER HOURS IN PRODUCTION SUPERVISION (VOC); 5 SEMESTER HOURS IN VOCATIONAL MAINTENANCE SUPERVISION (VOC); 1 SEMESTER HOUR IN HOTEL/MOTEL MANAGEMENT; EVAL: FEB 87

**3C051A - SEMESTER HOURS: 1**

AF 1402-0081; COMPLETION DATE: MAY 1994 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO COMPUTER SYSTEMS; JUNE 1998

**3C051B - SEMESTER HOURS: 2**

AF 1402-0080; COMPLETION DATE: FEBRUARY 1995 TO PRESENT; 2 SEMESTER HOURS IN NETWORK MANAGEMENT AND CONTROL; JUNE 1998

**3C052 - SEMESTER HOURS: 3**

AF 1402-0082; COMPLETION DATE: MARCH 1995 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO COMPUTER SOFTWARE MANAGEMENT; JUNE 1998

**3C071 - SEMESTER HOURS: 3**

Deactivated: 13 AUG 99

AF 1402-0079; COMPLETION DATE: AUGUST 1995 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO COMPUTER SYSTEMS AND 1 SEMESTER HOUR IN UNIX OPERATING SYSTEMS; JUNE 1998

**3C072 - SEMESTER HOURS: 1**

AF 1408-0115; COMPLETION DATE: DECEMBER 1995 TO PRESENT; 1 SEMESTER HOUR IN SOFTWARE ENGINEERING MANAGEMENT; JUNE 1998

**3C151 - SEMESTER HOURS: 3**

AF 1715-0781; COMPLETION DATE: NOVEMBER 1993 TO PRESENT; 3 SEMESTER HOURS IN COMMUNICATION THEORY; JUNE 1998

**3C251A - SEMESTER HOURS: 2 OR 6**

AF 1715-0837; COMPLETION DATE: OCTOBER 1995 TO PRESENT; IN THE VOCATIONAL CERTIFICATE CATEGORY, 2 SEMESTER HOURS IN SOLDERING AND ELECTRICAL CONNECTORS: JUNE 1998; IN THE LOWER DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 2 SEMESTER HOURS IN DC CIRCUITS, 1 IN AC CIRCUITS, 1 IN INTRODUCTION TO COMPUTER SYSTEMS, AND 2 IN COMMUNICATIONS TECHNIQUES: JUNE 1998

**3C351 - SEMESTER HOURS: 2**

AF 1408-0114; COMPLETION DATE: JUNE 1995 TO PRESENT; 2 SEMESTER HOURS IN COMPUTER SYSTEMS MANAGEMENT: JUNE 1998

**3E050 - NO CREDIT**

Deactivated: 25 FEB 00

AF 2203-0057; COMPLETION DATE: DECEMBER 1993 TO PRESENT; EVAL: NOV 98

**3E051A - SEMESTER HOURS: 3**

AF 1714-0051; COMPLETION DATE: MAR 1998 TO PRESENT; 3 SEMESTER HOURS IN ELECTRICITY AND ELECTRICAL WIRING; EVAL: NOV 98

**3E051B - SEMESTER HOURS: 3**

AF 1701-0015; COMPLETION DATE: JAN 1998 TO PRESENT; 3 SEMESTER HOURS IN BASIC HEATING, VENTILATION, AIR CONDITIONING/REFRIGERATION SYSTEMS; EVAL: NOV 98

**3E052A - SEMESTER HOURS: 2**

AF 1714-0053; COMPLETION DATE: OCT 1996 TO PRESENT; 1 SEMESTER HOUR IN AC/DC FUNDAMENTALS AND CIRCUITS AND 1 SEMESTER HOUR IN SOLID-STATE ELECTRONICS; EVAL: NOV 98

**3E052B - SEMESTER HOURS: 6**

AF 1714-0054; COMPLETION DATE: MAR 1997 TO PRESENT; 2 SEMESTER HOURS IN DIESEL ENGINE SYSTEMS, 2 SEMESTER HOURS IN ELECTRICAL POWER PRODUCTION ENGINE MAINTENANCE AND 2 SEMESTER HOURS IN ELECTRICAL POWER PLANT MAINTENANCE; EVAL: NOV 98

**3E151A - SEMESTER HOURS: 2**

AF 1701-0014; COMPLETION DATE: JUN 1998 TO PRESENT; 2 SEMESTER HOURS IN FUNDAMENTALS OF HEATING, VENTILATION, AIR CONDITIONING/REFRIGERATION SYSTEMS; EVAL: NOV 98

**3E151B - SEMESTER HOURS: 3**

AF 1701-0015; COMPLETION DATE: JAN 1998 TO PRESENT; 3 SEMESTER HOURS IN BASIC HEATING, VENTILATION, AIR CONDITIONING/REFRIGERATION SYSTEMS; EVAL: NOV 98

**3E251B - SEMESTER HOURS: 1**

AF 1601-0053; COMPLETION DATE: MAY 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN CONSTRUCTION EQUIPMENT; EVAL: NOV 98

**3E351A - SEMESTER HOURS: 1**

AF 1723-0022; COMPLETION DATE: FEB 1998 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN SHEET METAL FABRICATION; EVAL: NOV 98

**3E351B - SEMESTER HOURS: 3**

AF 1723-0023; COMPLETION DATE: MAY 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN RESIDENTIAL SHEET METAL FABRICATION; EVAL: NOV 98

**3E351C - SEMESTER HOURS: 3**

AF 1710-0042; COMPLETION DATE: JUL 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 2 SEMESTER HOURS IN RESIDENTIAL CARPENTRY AND 1 SEMESTER HOUR IN CONCRETE AND MASONRY; EVAL: NOV 98

**3E451A - SEMESTER HOURS: 3**

AF 1710-0043; COMPLETION DATE: JUN 1998 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN RESIDENTIAL AND LIGHT COMMERCIAL PLUMBING; EVAL: NOV 98

**3E451B - SEMESTER HOURS: 1**

AF 1732-0017; COMPLETION DATE: APR 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN WATER SUPPLY AND DISTRIBUTION AND WASTE WATER TREATMENT FACILITIES; EVAL: NOV 98

**3E452 - SEMESTER HOURS: 4**

AF 1704-0330; COMPLETION DATE: FEB 1998 TO PRESENT; 1 SEMESTER HOUR IN APPLIED PHYSICS, 2 SEMESTER HOURS IN BULK FUEL STORAGE SYSTEMS AND 1 SEMESTER HOUR IN AIRCRAFT REFUELING; EVAL: NOV 98

**3E453A - SEMESTER HOURS: 2**

AF 0101-0006; COMPLETION DATE: AUG 1996 TO PRESENT; 2 SEMESTER HOURS IN PEST IDENTIFICATION AND MANAGEMENT; EVAL: NOV 98

**3E453B - SEMESTER HOURS: 3**

AF 0101-0007; COMPLETION DATE: NOV 1996 TO PRESENT; 3 SEMESTER HOURS IN PEST IDENTIFICATION AND CLASSIFICATION, DISEASE VECTORS, AND ECONOMIC IMPACT; EVAL: NOV 98

**3E453C - SEMESTER HOURS: 3**

AF 0101-0008; COMPLETION DATE: MAR 1997 TO PRESENT; 3 SEMESTER HOURS IN IDENTIFICATION, MANAGEMENT, AND CONTROL OF INSECTS; EVAL: NOV 98

**3E551A - SEMESTER HOURS: 4**

AF 1601-0055; COMPLETION DATE: AUG 1997 TO PRESENT; 2 SEMESTER HOURS IN BASIC ALGEBRA AND TRIGONOMETRY AND 2 SEMESTER HOURS IN PRINCIPLES OF SURVEYING; EVAL: NOV 98

**3E551B - SEMESTER HOURS: 4**

AF 1601-0054; COMPLETION DATE: JUN 1998 TO PRESENT; 2 SEMESTER HOURS IN BASIC DRAFTING; 1 SEMESTER HOUR IN CONTRACT MANAGEMENT AND 1 SEMESTER HOUR IN PRINCIPLES OF SOIL AND CONCRETE TESTING; EVAL: NOV 98

**3E731 - SEMESTER HOURS: 3**

AF 1722-0007; COMPLETION DATE: DEC 1994 TO PRESENT; 1 SEMESTER HOUR IN BASIC FIRST AID AND 2 SEMESTER HOURS IN INTRODUCTION TO FIRE SCIENCE; EVAL: NOV 98

**3E751A - SEMESTER HOURS: 1**

AF 1722-0008; COMPLETION DATE: DEC 1994 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO FIRE SCIENCE; EVAL: NOV 98

**3E751B - SEMESTER HOURS: 3**

Deactivated: 18 AUG 00

AF 1722-0009; COMPLETION DATE: JAN 1996 TO PRESENT; 3 SEMESTER HOURS IN FIRE APPARATUS OPERATIONS; EVAL: NOV 98

**3E751D - SEMESTER HOURS: 3**

Deactivated: 18 AUG 00

AF 1722-0010; COMPLETION DATE: JAN 1996 TO PRESENT; 3 SEMESTER HOURS IN FIRE APPARATUS OPERATIONS OR ARFF APPARATUS OPERATIONS; EVAL: NOV 98

**3E751E - SEMESTER HOURS: 1**

AF 1722-0011; COMPLETION DATE: JAN 1996 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO FIRE SCIENCE; EVAL: NOV 98

**3E751F - NO CREDIT**

Deactivated: 31 MAR 00

AF 1722-0012; COMPLETION DATE: JAN 1996 TO PRESENT; EVAL: NOV 98

**3E851A - NO CREDIT**

AF 2203-0059; COMPLETION DATE: DEC 1996 TO PRESENT; EVAL: NOV 98

**3E851B - NO CREDIT**

AF 2203-0060; COMPLETION DATE: AUG 1997 TO PRESENT; EVAL: NOV 98

**3E951 - NO CREDIT**

AF 0801-0007; COMPLETION DATE: DEC 1994 TO MAR 1996, DEC 1997 TO PRESENT; EVAL: NOV 98

**3S200 - SEMESTER HOURS: 2**

AF 1406-0078; COMPLETION DATE: NOVEMBER 1993 TO PRESENT; 2 SEMESTER HOURS IN PRINCIPLES OF INSTRUCTION, UPPER-DIVISION BACCALAUREATE; EVAL: JUNE 1994

**40450 - SEMESTER HOURS: 7**

Deactivated: 30 NOV 92

AF 1715-0136; COMPLETION DATE: JULY 1985 TO PRESENT; 2 SEMESTER HOURS IN FUNDAMENTALS OF DIGITAL TECHNIQUES; 2 SEMESTER HOURS IN BASIC ELECTRICITY/ELECTRONICS; 3 SEMESTER HOURS IN PHOTOGRAPHY; EVAL: NOV 86

**40450A - SEMESTER HOURS: 3 (5 VOC)**

Deactivated: 23 APR 99

AF 1715-0806; COMPLETION DATE: NOVEMBER 1992 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC SHOP OPERATIONS (VOC); 2 SEMESTER HOURS IN DIGITAL LOGIC (VOC); 2 SEMESTER HOURS IN INTRODUCTION TO ELECTRONICS (VOC); 3 SEMESTER HOURS IN INTRODUCTION TO ELECTRONICS OR INTRODUCTION TO PRINCIPLES OF ELECTRICAL CIRCUITS; EVAL: APR 93

**40450B - SEMESTER HOURS: 3 (6 VOC)**

Deactivated: 30 NOV 99

AF 1715-0807; COMPLETION DATE: NOVEMBER 1992 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO TEST EQUIPMENT (VOC); 3 SEMESTER HOURS IN AUDIO VISUAL EQUIPMENT (VOC); 3 SEMESTER HOURS IN INTRODUCTION TO PHOTOGRAPHY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**40451 - SEMESTER HOURS: 7**

Deactivated

AF 1715-0139; COMPLETION DATE: MARCH 1984 TO JAN 1991; 2 SEMESTER HOURS IN FUNDAMENTALS OF DIGITAL TECHNIQUES; 2 SEMESTER HOURS IN BASIC ELECTRICITY/ELECTRONICS; 3 SEMESTER HOURS IN PHOTOGRAPHY; EVAL: NOV 86

**41151A - NO CREDIT**

Deactivated: 10 APR 96

AF 1704-0265; COMPLETION DATE: AUGUST 1993 TO PRESENT; EVAL: JUNE 1994

**41152A - SEMESTER HOURS: 14**

Deactivated: 24 JUL 96

AF 1704-0264; COMPLETION DATE: APRIL 1992 TO PRESENT; 3 SEMESTER HOURS IN INTERNAL COMBUSTION ENGINE FUNDAMENTALS; 3 SEMESTER HOURS IN ELECTRICAL FUNDAMENTALS; 2 SEMESTER HOURS IN INDUSTRIAL ELECTRICITY; 3 SEMESTER HOURS IN AIR CONDITIONING PRINCIPLES; 3 SEMESTER HOURS IN MAINTENANCE ADMINISTRATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**42153 - SEMESTER HOURS: - 3**

Deactivated: 27 OCT 89

AF 1704-0187; COMPLETION DATE: DECEMBER 1979 TO PRESENT; 3 SEMESTER HOURS IN GROUND EQUIPMENT REPAIR; EVAL: MAR 85

**42173 - SEMESTER HOURS: 3**

Deactivated: 27 OCT 89

AF 1704-0192; COMPLETION DATE: AUGUST 1975 TO PRESENT; 3 SEMESTER HOURS IN GROUND EQUIPMENT REPAIR; EVAL: MAR 85

**42350 - SEMESTER HOURS: 3**

Deactivated

AF 1714-0003; COMPLETION DATE: AUGUST 1983 TO NOV 1990; 3 SEMESTER HOURS IN BASIC ELECTRICAL THEORY; EVAL: MAR 85

**42351 - SEMESTER HOURS: 6**

Deactivated

AF 1704-0200; COMPLETION DATE: AUGUST 1985 TO NOV 1990; 3 SEMESTER HOURS IN BASIC ELECTRICITY; 3 SEMESTERS HOURS IN AIRCRAFT SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42352 - SEMESTER HOURS: 3**

Deactivated: 24 OCT 95

AF 1717-0005; COMPLETION DATE: APRIL 1987 TO PRESENT; 2 SEMESTER HOURS IN MAINTENANCE PRINCIPLES; 1 SEMESTER HOUR IN INDUSTRIAL SAFETY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42353 - SEMESTER HOURS: 1**

Deactivated: 15 JAN 92

AF 1704-0191; COMPLETION DATE: JUNE 1981 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT FUEL SYSTEMS; EVAL: MAR 85

**42354 - SEMESTER HOURS: 8**

Deactivated

AF 1704-0201; COMPLETION DATE: JANUARY 1986 TO NOV 1990; 1 SEMESTER HOUR IN MAINTENANCE MANAGEMENT; 4 SEMESTERS HOURS IN HYDRAULICS AND PNEUMATICS; 3 SEMESTER HOURS IN AIRCRAFT MATERIALS AND PROCESSES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42373 - SEMESTER HOURS: 6**

Deactivated: 6 JUN 95

AF 1704-0202; COMPLETION DATE: NOVEMBER 1985 TO PRESENT; 2 SEMESTER HOURS IN MAINTENANCE MANAGEMENT; 3 SEMESTER HOURS IN BASIC ELECTRICITY; 1 SEMESTER HOUR IN RECORDS, FORMS, AND PUBLICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42374 - SEMESTER HOURS: 3**

Deactivated

AF 1704-0203; COMPLETION DATE: MARCH 1979 TO NOVEMBER 1988; 3 SEMESTER HOURS IN ADVANCED HYDRAULIC SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42652 - SEMESTER HOURS: 4**

Deactivated: 15 AUG 89

AF 1704-0137; COMPLETION DATE: APRIL 1987 TO MAR 1991; 4 SEMESTER HOURS IN GAS TURBINE THEORY AND MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42653 - SEMESTER HOURS: 8**

Deactivated: 9 NOV 89

AF 1704-0172; COMPLETION DATE: APRIL 1986 TO PRESENT; 4 SEMESTER HOURS IN TURBO-PROPELLERS; 4 SEMESTER HOURS IN GAS TURBINE ENGINE AND OPERATION, LOWER DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42654 - SEMESTER HOURS: 2**

Deactivated

AF 1704-0205; COMPLETION DATE: MARCH 1986 TO PRESENT; 2 SEMESTER HOURS IN GAS TURBINE THEORY AND OPERATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42672 - SEMESTER HOURS: 2**

Deactivated

AF 1704-0189; COMPLETION DATE: JULY 1984 TO MAY 1988; 2 SEMESTER HOURS IN AIRCRAFT SHOP MAINTENANCE MANAGEMENT; EVAL: MAR 85

**42750 - SEMESTER HOURS: 6 (VOC)**

Deactivated: 15 NOV 89

AF 1723-0008; COMPLETION DATE: DECEMBER 1984 TO PRESENT; 3 SEMESTER HOURS IN BASIC MACHINE SHOP; 3 SEMESTER HOURS IN ADVANCED MACHINE TOOL, VOCATIONAL CERTIFICATE; EVAL: OCT 88

**42751 - SEMESTER HOURS: 3**

Deactivated: 14 JUL 89

AF 1717-0013; COMPLETION DATE: DECEMBER 1984 TO JAN 1991; 3 SEMESTER HOURS IN CORROSION CONTROL, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42752 - SEMESTER HOURS: 4**

Deactivated: 18 JUL 89

AF 1723-0005; COMPLETION DATE: MARCH 1984 TO JAN 1991; 4 SEMESTER HOURS IN NONDESTRUCTIVE INSPECTION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42753 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 26 OCT 95

AF 1733-0002; COMPLETION DATE: JULY 1987 TO PRESENT; 1 SEMESTER HOUR IN RIGGING, INSPECTION AND REPAIR; 1 SEMESTER HOUR IN FABRIC REPAIR (HAND AND MACHINE); 1 SEMESTER HOUR IN SEWING MACHINE SERVICE AND REPAIR, VOCATIONAL CERTIFICATE; EVAL: OCT 88

**42754 - SEMESTER HOURS: 6**

Deactivated: 22 AUG 89

AF 1723-0009; COMPLETION DATE: NOVEMBER 1987 TO MAR 1991; 3 SEMESTER HOURS IN WELDING; 3 SEMESTER HOURS IN METAL FABRICATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**42755 - SEMESTER HOURS: 9**

Deactivated: 9 NOV 89

AF 1723-0010; COMPLETION DATE: JUNE 1986 TO PRESENT; 3 SEMESTER HOURS IN SHEET METAL REPAIR; 3 SEMESTER HOURS IN PRODUCTION PROCESSES; 3 SEMESTER HOURS IN COMPOSITE STRUCTURE REPAIR, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43150 - SEMESTER HOURS: 12**

Deactivated: 23 FEB 95

AF 1704-0206; COMPLETION DATE: NOVEMBER 1992 TO PRESENT; 3 SEMESTER HOURS IN MAINTENANCE ADMINISTRATION; 3 SEMESTER HOURS IN BASIC ELECTRICITY; 3 SEMESTER HOURS IN HELICOPTER POWERPLANT; 3 SEMESTER HOURS IN GENERAL HELICOPTER MECHANICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93



**43150C - SEMESTER HOURS: 11**

Deactivated

AF 1704-0207; COMPLETION DATE: MAY 1985 TO FEBRUARY 1987; 3 SEMESTER HOURS IN HYDRAULICS; 2 SEMESTER HOURS IN AIRCRAFT SYSTEMS; 2 SEMESTER HOURS IN AIRCRAFT ALIGNMENT; 1 SEMESTER HOUR IN POWER PLANT SYSTEMS; 3 SEMESTER HOURS IN GAS TURBINE OPERATION AND MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43150D - SEMESTER HOURS: 6**

Deactivated

AF 1704-0208; COMPLETION DATE: MAY 1985 TO FEBRUARY 1987; 3 SEMESTER HOURS IN ENGINE OPERATION AND MAINTENANCE PRINCIPLES; 3 SEMESTER HOURS IN HYDRAULIC FLIGHT CONTROL AND INSTRUMENTS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43151 - SEMESTER HOURS: 3**

Deactivated: 27 JAN 98

AF 1704-0102; COMPLETION DATE: NOVEMBER 1979 TO OCT 1990; 1 SEMESTER HOUR IN AIRCRAFT CLEANING AND CORROSION CONTROL; 2 SEMESTER HOURS IN AIRCRAFT GROUND SERVICING AND HANDLING; EVAL: MAR 85

**43152A - SEMESTER HOURS: 2**

Deactivated

AF 1704-0209; COMPLETION DATE: OCTOBER 1982 TO OCT 1990; 1 SEMESTER HOUR IN AIRCRAFT MAINTENANCE MANAGEMENT; 1 SEMESTER HOUR IN AIRCRAFT SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43152C - SEMESTER HOURS: 2**

Deactivated

AF 1704-0181; COMPLETION DATE: OCTOBER 1982 TO OCT 1990; 2 SEMESTER HOURS IN AIRCRAFT GROUND SERVICING AND HANDLING; EVAL: MAR 85

**43152E - SEMESTER HOURS: 2**

Deactivated

AF 1704-0188; COMPLETION DATE: NOVEMBER 1982 TO OCT 1990; 2 SEMESTER HOURS IN AIRCRAFT GROUND SERVICING AND HANDLING; EVAL: MAR 85

**43152G - SEMESTER HOURS: 2**

Deactivated

AF 1704-0184; COMPLETION DATE: NOVEMBER 1982 TO OCT 1990; 2 SEMESTER HOURS IN AIRCRAFT GROUND SERVICING AND HANDLING; EVAL: MAR 85

**43152J - SEMESTER HOURS: 2**

Deactivated

AF 1704-0210; COMPLETION DATE: AUGUST 1986 TO OCT 1990; 1 SEMESTER HOUR IN AIRCRAFT MAINTENANCE MANAGEMENT; 1 SEMESTER HOUR IN AIRCRAFT SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43152Z - SEMESTER HOURS: 2**

Deactivated

AF 1704-0211; COMPLETION DATE: NOVEMBER 1982 TO 18 FEB 1990; 1 SEMESTER HOUR IN AIRCRAFT MAINTENANCE MANAGEMENT; 1 SEMESTER HOUR IN AIRCRAFT SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43170C - SEMESTER HOURS: 10**

Deactivated

AF 1704-0212; COMPLETION DATE: JUNE 1983 TO OCTOBER 1988; 2 SEMESTER HOURS IN MAINTENANCE MANAGEMENT; 1 SEMESTER HOUR IN RECORDS, FORMS, AND PUBLICATIONS; 4 SEMESTER HOURS IN POWERPLANT OPERATION; 3 SEMESTER HOURS IN BASIC HYDRAULICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43170D - SEMESTER HOURS: 10**

Deactivated

AF 1704-0213; COMPLETION DATE: JUNE 1984 TO OCTOBER 1988; 2 SEMESTER HOURS IN MAINTENANCE MANAGEMENT; 3 SEMESTER HOURS IN AIRCRAFT POWER PLANT OPERATIONS; 3 SEMESTER HOURS IN BASIC HYDRAULICS; 2 SEMESTER HOURS IN RECORDS, FORMS, AND PUBLICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**43171 - SEMESTER HOURS: 2**

Deactivated

AF 1704-0162; COMPLETION DATE: NOVEMBER 1979 TO APRIL 1988; 2 SEMESTER HOURS IN AIRCRAFT GROUND SERVICING AND HANDLING; EVAL: MAR 85

**43172 - SEMESTER HOURS: 3**

Deactivated

AF 1704-0190; COMPLETION DATE: NOVEMBER 1979 TO APRIL 1988; 3 SEMESTER HOURS IN AIRCRAFT GROUND SERVICING AND HANDLING; EVAL: MAR 85

**44350G - SEMESTER HOURS: 3 (VOC)**

Deactivated: 23 MAY 90

AF 1710-0031; COMPLETION DATE: JANUARY 1987 TO PRESENT; 3 SEMESTER HOURS IN HEAVY EQUIPMENT OPERATION, VOCATIONAL CERTIFICATE; EVAL: OCT 88

**44550G - SEMESTER HOURS: 3**

Deactivated: 1 MAY 91

AF 1704-0026; COMPLETION DATE: FEBRUARY 1987 TO PRESENT; 3 SEMESTER HOURS IN PLANT MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**45070 - SEMESTER HOURS: 2**

Deactivated: 1 NOV 93

AF 1704-0221; COMPLETION DATE: MAY 1989 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT MAINTENANCE; 1 SEMESTER HOUR IN AIRCRAFT MAINTENANCE MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45070A - NO CREDIT**

Deactivated: 10 APR 95

AF 1704-0222; COMPLETION DATE: MAY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45070B - SEMESTER HOURS: 2**

Deactivated: 10 APR 95

AF 1704-0223; COMPLETION DATE: FEBRUARY 1989 TO PRESENT; 2 SEMESTER HOURS IN AIRCRAFT MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45154A - SEMESTER HOURS: 5**

Deactivated: 16 AUG 94

AF 1715-0772; COMPLETION DATE: OCTOBER 1989 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE; 2 SEMESTER HOURS IN AVIONIC SYSTEMS; 2 SEMESTER HOURS IN MICROPROCESSOR APPLICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45154B - SEMESTER HOURS: 6**

Deactivated: 16 AUG 94

AF 1715-0771; COMPLETION DATE: OCTOBER 1989 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE MANAGEMENT; 1 SEMESTER HOUR IN RADAR PRINCIPLES; 4 SEMESTER HOURS IN TEST EQUIPMENT AND MEASUREMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45155 - SEMESTER HOURS: 4**

Deactivated: 3 MAY 94

AF 1715-0756; COMPLETION DATE: SEPTEMBER 1989 TO PRESENT; 2 SEMESTER HOURS IN ELECTRONIC SYSTEMS TROUBLESHOOTING; 2 SEMESTER HOURS IN ELECTRONIC TEST STATION OPERATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45155A - SEMESTER HOUR(S): 1**

Deactivated: 27 JUN 95

AF 1715-0780; COMPLETION DATE: APR 91 TO PRESENT; 1 SEMESTER HOUR IN COMPUTER SYSTEM ARCHITECTURE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**45155B - SEMESTER HOUR(S): 2**

Deactivated: 27 JUN 95

AF 1715-0791; COMPLETION DATE: AUG 90 TO PRESENT; 1 SEMESTER HOUR IN COMPUTER SYSTEMS ARCHITECTURE OR 1 SEMESTER HOUR IN AIRCRAFT INSTRUMENTATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**45155C - SEMESTER HOUR(S):**

Deactivated: 27 JUN 95

AF 1715-0753; COMPLETION DATE: MAY 91 TO PRESENT; CREDIT IS NOT RECOMMENDED BECAUSE OF THE MILITARY-SPECIFIC NATURE OF THE COURSE; EVAL: NOV 91

**45156A - SEMESTER HOURS: 5**

Deactivated: 16 AUG 94

AF 1715-0773; COMPLETION DATE: MAY 1989 TO PRESENT; 3 SEMESTER HOURS IN TEST EQUIPMENT MEASUREMENT; 2 SEMESTER HOURS IN AVIONIC FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45156B - NO CREDIT**

Deactivated: 16 AUG 94

AF 1704-0224; COMPLETION DATE: MAY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45157 - SEMESTER HOURS: 3**

Deactivated: 27 JUN 95

AF 1408-0097; COMPLETION DATE: OCTOBER 1989 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE; 2 SEMESTER HOURS IN TEST EQUIPMENT MEASUREMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45177 - SEMESTER HOUR(S): 1**

Deactivated: 4 DEC 95

AF 1715-0793; COMPLETION DATE: DEC 90 TO PRESENT; 1 SEMESTER HOUR IN AVIATION ELECTRONICS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**45250 - SEMESTER HOURS: 5**

Deactivated: 23 AUG 89

AF 1715-0757; COMPLETION DATE: NOVEMBER 1987 TO AUGUST 1989; 1 SEMESTER HOUR IN MATERIALS MANAGEMENT; 2 SEMESTER HOURS IN BASIC ELECTRICITY; 2 SEMESTER HOURS IN SOLID STATE ELECTRONICS AND DIGITAL COMPUTER FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45250A - SEMESTER HOURS: 1**

Deactivated: 27 AUG 92

AF 1405-0069; COMPLETION DATE: JUNE 1989 TO PRESENT; 1 SEMESTER HOUR IN MATERIALS MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45250B - SEMESTER HOURS: 4**

Deactivated: 27 AUG 92

AF 1715-0758; COMPLETION DATE: JUNE 1989 TO PRESENT; 2 SEMESTER HOURS IN BASIC ELECTRICITY; 2 SEMESTER HOURS IN SOLID STATE ELECTRONICS &amp; DIGITAL COMPUTER FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45251 - SEMESTER HOURS: 3**

Deactivated: 29 JUN 98

AF 1704-0254; COMPLETION DATE: APRIL 92 TO MAY 93, JUNE 93 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO AIRCRAFT MAINTENANCE (AVIONICS) AND 1 IN BASIC ELECTRICITY; JUNE 1998

**45251A - SEMESTER HOUR(S): 1**

Deactivated: 13 JUN 95

AF 1715-0767; COMPLETION DATE: MAY 1990 TO PRESENT; 1 SEMESTER HOUR IN RADAR PRINCIPLES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45251C - NO CREDIT**

Deactivated: 16 JUN 95

AF 1704-0225; COMPLETION DATE: JULY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45252 - SEMESTER HOURS: 2 (2 VOC)**

Deactivated: 23 MAR 96

AF 1715-0808; COMPLETION DATE: AUG 92 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO BASIC ELECTRONICS (VOC); 2 SEMESTER HOURS IN INDUSTRIAL OR ELECTRONICS SAFETY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45252A - SEMESTER HOURS: 2**

Deactivated: 6 AUG 96

AF 1715-0759; COMPLETION DATE: AUGUST 1989 TO PRESENT; 2 SEMESTER HOURS IN ELECTRONICS - RADAR SYSTEMS, UPPER-DIVISION BACCALAUREATE; EVAL: DECEMBER 1989

**45252B - SEMESTER HOURS: 2 (2 VOC)**

AF 1704-0255; COMPLETION DATE: AUGUST 1989 TO PRESENT; 2 SEMESTER HOURS IN AUTO PILOT MAINTENANCE, FUEL SYSTEMS MAINTENANCE AND OPERATION OF FLIGHT CONTROLS (VOC); 2 SEMESTER HOURS IN INTRODUCTION TO INSTRUMENTS AND FLIGHT CONTROL SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45252C - SEMESTER HOURS: 3**

Deactivated: 23 MAR 96

AF 1714-0039; COMPLETION DATE: MARCH 1990 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO COMMUNICATIONS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45253 - SEMESTER HOURS: 2 (VOC)**

Deactivated: 14 JUN 93

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AF 1715-0804; COMPLETION DATE: AUG 92 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO ELECTRONICS OR ELECTRONICS TEST EQUIPMENT (VOC); EVAL: APR 93

**45253A - SEMESTER HOURS: 3**

Deactivated: 13 JUN 95

AF 1715-0809; COMPLETION DATE: AUGUST 1989 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO RADAR SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45253B - SEMESTER HOURS: 2 (VOC)**

Deactivated: 18 JAN 94

AF 1704-0262; COMPLETION DATE: MAY 89 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO AIRCRAFT MAINTENANCE (AVIONICS) (VOC); EVAL: APR 93

**45253C - SEMESTER HOUR(S): 3**

Deactivated: 16 JUN 95

AF 1704-0263; COMPLETION DATE: SEPT 1989 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO COMMUNICATIONS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45274 - SEMESTER HOURS: 3**

Deactivated: 1 MAR 95

AF 1704-0228; COMPLETION DATE: APRIL 1989 TO PRESENT; 3 SEMESTER HOURS IN AIRCRAFT MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45352 - SEMESTER HOURS: 3**

Deactivated: 28 FEB 95

AF 1715-0817; COMPLETION DATE: DECEMBER 1993 TO PRESENT; 1 SEMESTER HOUR IN BASIC ELECTRICITY; 1 IN BASIC ELECTRONICS; 1 IN DIGITAL FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**45371 - SEMESTER HOURS: 3 (3 VOC)**

Deactivated: 28 FEB 96

AF 1704-0261; COMPLETION DATE: MAR 93 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO AIRCRAFT MAINTENANCE AND AVIONICS EQUIPMENT (VOC); 3 SEMESTER HOURS IN INTRODUCTION TO AVIONICS AND FLIGHT CONTROL SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45450A - SEMESTER HOURS: 2**

Deactivated: 5 JUN 95

AF 1704-0256; COMPLETION DATE: AUG 92 TO PRESENT; 2 SEMESTER HOURS IN JET ENGINE MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45450B - SEMESTER HOURS: 4**

Deactivated: 10 JUL 95

AF 1704-0257; COMPLETION DATE: AUG 92 TO PRESENT; 2 SEMESTER HOURS IN GAS TURBINE ENGINES; 2 SEMESTER HOURS IN TURBO PROP ENGINES AND SYSTEMS; EVAL: APR 93

**45451 - SEMESTER HOURS: 3**

Deactivated: 6 JUN 95

AF 1710-0038; COMPLETION DATE: NOVEMBER 1989 TO PRESENT; 3 SEMESTER HOURS IN AIRCRAFT GROUND EQUIPMENT SERVICING AND REPAIR, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45453 - SEMESTER HOURS: 2**

Deactivated: 22 NOV 95

AF 1704-0258; COMPLETION DATE: JAN 92 TO PRESENT; 2 SEMESTER HOURS IN AIRCRAFT FUEL SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**45455 - NO CREDIT**

Deactivated: 24 AUG 99

AF 1714-0045; COMPLETION DATE: NOVEMBER 1993 TO PRESENT; EVAL: JUNE 1994

**45470A - SEMESTER HOURS: 3**

Deactivated: 13 MAR 92

AF 1704-0229; COMPLETION DATE: APRIL 1989 TO PRESENT; 3 SEMESTER HOURS IN JET ENGINE MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45470B - SEMESTER HOURS: 6**

Deactivated: 13 MAR 92

AF 1710-0037; COMPLETION DATE: NOVEMBER 1989 TO PRESENT; 3 SEMESTER HOURS IN GAS TURBINE ENGINES; 3 SEMESTER HOURS IN TURBOPROP ENGINES AND SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45474 - SEMESTER HOURS: 1**

Deactivated: 15 OCT 94

AF 1704-0230; COMPLETION DATE: MAY 1989 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45474A - NO CREDIT**

Deactivated: 30 MAR 93

AF 1704-0231; COMPLETION DATE: MAY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45550 - SEMESTER HOURS: 3**

Deactivated: 27 JAN 96

AF 1715-0818; COMPLETION DATE: AUGUST 1993 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONICS FUNDAMENTALS; 1 IN INTRODUCTION TO TELEVISION; 1 IN MICROWAVE FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**45550A SEMESTER HOUR(S): 3**

Deactivated: 19 AUG 93

AF 1715-0777; COMPLETION DATE: FEB 90 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONICS FUNDAMENTALS; 1 SEMESTER HOUR IN INTRODUCTION TO TELEVISION; 1 SEMESTER HOUR IN MICROWAVE FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**45550B - SEMESTER HOURS: 4**

Deactivated: 19 AUG 93

AF 1715-0764; COMPLETION DATE: JULY 1989 TO PRESENT; 3 SEMESTER HOURS IN SOLID STATE ELECTRONICS; 1 SEMESTER HOUR IN ELECTRONIC SYSTEMS TROUBLESHOOTING AND MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45571 - SEMESTER HOURS: 3**

Deactivated: 17 MAR 93

AF 1715-0761; COMPLETION DATE: OCTOBER 1988 TO PRESENT; 1 SEMESTER HOUR IN BASIC ELECTRICITY; 2 SEMESTER HOURS IN ELECTRONICS AND AVIONICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45571A - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0232; COMPLETION DATE: JANUARY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45571B - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0233; COMPLETION DATE: JANUARY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45571C - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0234; COMPLETION DATE: JANUARY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45571D - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0235; COMPLETION DATE: NOVEMBER 1988 TO PRESENT; EVALUATED DECEMBER 1989

**45571E - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0236; COMPLETION DATE: NOVEMBER 1988 TO PRESENT; EVALUATED DECEMBER 1989

**45571F - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0237; COMPLETION DATE: DECEMBER 1988 TO PRESENT; EVALUATED DECEMBER 1989

**45571G - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0238; COMPLETION DATE: JANUARY 1989 TO PRESENT; EVALUATED DECEMBER 1989

**45571H - SEMESTER HOURS: 1**

Deactivated: 21 MAY 97

AF 1704-0239; COMPLETION DATE: FEBRUARY 1989 TO PRESENT; 1 SEMESTER HOUR IN AVIONICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45571J - SEMESTER HOURS: 1**

Deactivated: 21 MAY 97

AF 1704-0240; COMPLETION DATE: FEBRUARY 1989 TO PRESENT; 1 SEMESTER HOUR IN BASIC NAVIGATION PRINCIPLES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45571K - NO CREDIT**

Deactivated: 21 MAY 97

AF 1704-0241; COMPLETION DATE: DECEMBER 1988 TO PRESENT; EVALUATED DECEMBER 1989

**45571X - SEMESTER HOURS: 2**

Deactivated: 28 FEB 96

AF 1715-0761; COMPLETION DATE: MARCH 93 TO PRESENT; 1 SEMESTER HOUR IN ELECTRONIC FUNDAMENTALS; 1 IN INTRODUCTION TO AVIONICS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**45572A - SEMESTER HOURS: 2**

Deactivated: 30 MAR 95

AF 1704-0242; COMPLETION DATE: OCTOBER 1988 TO PRESENT; 2 SEMESTER HOURS IN AVIONICS MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45572B - SEMESTER HOURS: 3**

AF 1704-0243; COMPLETION DATE: FEBRUARY 1989 TO FEBRUARY 1993, MARCH 1993 TO PRESENT; 3 SEMESTER HOUR IN ELECTRONIC COMMUNICATIONS SYSTEMS: JUNE 1998

**45572C - SEMESTER HOUR: 2**

AF 1704-0244; COMPLETION DATE: FEBRUARY 1989 TO FEBRUARY 1993, MARCH 1993 TO PRESENT; 1 SEMESTER HOUR IN RADAR SYSTEMS AND 1 IN NAVIGATION SYSTEMS: JUNE 1998

**45572D - SEMESTER HOUR: 1**

AF 1704-0245; COMPLETION DATE: FEBRUARY 1989 TO FEBRUARY 1993, MARCH 1993 TO PRESENT; 1 SEMESTER HOUR IN RADAR SYSTEMS: JUNE 1998

**45572E - SEMESTER HOURS: 1**

AF 1704-0246; COMPLETION DATE: FEBRUARY 1989 TO PRESENT; 1 SEMESTER HOUR IN AVIONICS MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45573A - SEMESTER HOURS: 3 (VOC)**

Deactivated: 7 MAY 96

AF 1715-0805; COMPLETION DATE: JULY 92 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO ELECTRONICS (VOC); EVAL: APR 93

**45573C - SEMESTER HOURS: 8**

Deactivated: 9 JUL 92

AF 1715-0766; COMPLETION DATE: JULY 1990 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE AND MATERIAL MANAGEMENT; 2 SEMESTER HOURS IN DC/AC FUNDAMENTALS; 2 SEMESTER HOURS IN SEMICONDUCTOR DEVICES; 2 SEMESTER HOURS IN RADAR SYSTEMS; 1 SEMESTER HOUR IN AM/FM TRANSMITTER PRINCIPLES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45650 - SEMESTER HOURS: 8**

Deactivated: 1 MAY 95

AF 1715-0774; COMPLETION DATE: OCTOBER 1989 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE; 1 SEMESTER HOUR IN DIGITAL FUNDAMENTALS; 2 SEMESTER HOURS IN ELECTRO-OPTICAL SYSTEMS; 4 SEMESTER HOURS IN RADAR SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45651 - SEMESTER HOURS: 7**

Deactivated: 18 OCT 93

AF 1715-0769; COMPLETION DATE: DECEMBER 1989 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE AND MATERIAL MANAGEMENT; 1 SEMESTER HOUR IN ACTIVE DEVICES AND CIRCUITS; 2 SEMESTER HOURS IN DIGITAL LOGIC AND FUNDAMENTALS; 3 SEMESTER HOURS IN COMMUNICATION SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45651A - SEMESTER HOURS: 3**

Deactivated: 10 AUG 95

AF 1715-0819; COMPLETION DATE: OCTOBER 1993 TO PRESENT; 3 SEMESTER HOURS IN AVIONICS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**45671 - SEMESTER HOUR(S): 3**

Deactivated: 13 MAR 95

AF 1715-0783; COMPLETION DATE: AUG 90 TO PRESENT; 1 SEMESTER HOUR IN SAFETY AND TRAINING; 2 SEMESTER HOURS IN MAINTENANCE MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**45750 - SEMESTER HOURS: 2**

Deactivated: 20 SEP 94

AF 1704-0247; COMPLETION DATE: APRIL 1989 TO PRESENT; 2 SEMESTER HOURS IN AIRCRAFT MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45753A - SEMESTER HOURS: 1**

Deactivated: 23 MAR 95

AF 1704-0248; COMPLETION DATE: AUGUST 1989 TO PRESENT; 1 SEMESTER HOUR IN AVIATION MAINTENANCE MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45753B - SEMESTER HOURS: 7**

Deactivated: 11 JUL 95

AF 1715-0770; COMPLETION DATE: NOVEMBER 1989 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE AND MATERIAL MANAGEMENT; 4 SEMESTER HOURS IN INSTRUMENT SYSTEMS; 2 SEMESTER HOURS IN FLIGHT CONTROL, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45753C - SEMESTER HOUR(S): 2**

Deactivated: 20 JUL 95

AF 1715-0757; COMPLETION DATE: JAN 90 TO PRESENT; 1 SEMESTER HOUR IN MICROWAVE SYSTEMS; 1 SEMESTER HOUR IN AVIATION ELECTRONICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**45772 - SEMESTER HOURS: 3**

Deactivated: 20 SEP 94

AF 1704-0259; COMPLETION DATE: APRIL 1989 TO PRESENT; 3 SEMESTER HOURS IN AIRCRAFT MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45851 - SEMESTER HOURS: 3**

Deactivated: 8 FEB 96

AF 1704-0006; COMPLETION DATE: JULY 1989 TO PRESENT; 3 SEMESTER HOURS IN NONDESTRUCTIVE INSPECTION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**45870A - SEMESTER HOURS: 3**

Deactivated: 5 AUG 96

AF 1717-0027; COMPLETION DATE: NOVEMBER 1989 TO PRESENT; 3 SEMESTER HOURS IN MACHINE SHOP, VOCATIONAL CERTIFICATE; 3 SEMESTER HOURS IN MACHINE/MECHANICAL TECHNOLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45870B - SEMESTER HOURS: 3**

Deactivated: 10 JUL 97

AF 1723-0011; COMPLETION DATE: AUGUST 1989 TO PRESENT; 3 SEMESTER HOURS IN WELDING AND CUTTING PRACTICES, VOCATIONAL CERTIFICATE; 3 SEMESTER HOURS IN METALLURGY, HEAT TREATMENT AND TESTING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45872A - SEMESTER HOURS: 7**

Deactivated: 12 SEP 97

AF 1717-0028; COMPLETION DATE: NOVEMBER 1989 TO PRESENT; 3 SEMESTER HOURS IN MATERIALS AND METHODS; 3 SEMESTER HOURS IN AIRCRAFT STRUCTURAL REPAIRS; 1 SEMESTER HOUR IN AIRCRAFT RIGGING AND BALANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**45872B - SEMESTER HOUR: 1**

Deactivated: 18 JUN 99

AF 1704-0250; COMPLETION DATE: JULY 92 TO PRESENT; 1 SEMESTER HOUR IN AIRCRAFT CORROSION CONTROL, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**46150 - NO CREDIT**

Deactivated: 2 AUG 93

AF 0802-0025; EVAL: SEP 86

**46250 - SEMESTER HOURS: 8 (VOC)**

Deactivated: 27 APR 95

AF 1715-0035; COMPLETION DATE: AUGUST 1986 TO PRESENT; 3 SEMESTER HOURS IN FUNDAMENTALS OF ELECTRICITY; 3 SEMESTER HOURS IN ELECTRONICS; 2 SEMESTER HOURS IN SHOP MANAGEMENT AND PROPERTY CONTROL; EVAL: SEP 86

**46350 - SEMESTER HOURS: 2 (VOC)**

Deactivated: 29 MAR 96

AF 0802-0027; COMPLETION DATE: SEPTEMBER 1968 TO MARCH 1985; 2 SEMESTER HOURS IN GENERAL SHOP; EVAL: SEP 86

**46450 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 16 DEC 96

AF 0802-0030; COMPLETION DATE: SEPTEMBER 1972 TO JANUARY 1983; 3 SEMESTER HOURS IN THE FUNDAMENTALS OF ELECTRICITY; EVAL: SEP 86

**46650A - SEMESTER HOURS: 2**

Deactivated: 5 JAN 96

AF 1714-0041; COMPLETION DATE: JUNE 1990 TO PRESENT; 1 SEMESTER HOUR IN BASIC ELECTRICITY; 1 IN SOLID STATE CIRCUITS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**46650B - NO CREDIT**

AF 1715-0814; COMPLETION DATE: DECEMBER 1992 TO PRESENT; EVAL: JUNE 1994

**47201 - SEMESTER HOURS: 3**

AF 0802-0027; COMPLETION DATE: DEC 1994 TO PRESENT; 3 SEMESTER HOURS IN HAZARDOUS MATERIALS, FIRE SCIENCE, OR FIRE TECHNOLOGY; EVAL: NOV 98

**47202 - SEMESTER HOURS: 2**

AF 0802-0028; COMPLETION DATE: DEC 1994 TO PRESENT; 2 SEMESTER HOURS IN HAZARDOUS MATERIALS; EVAL: NOV 98

**47203 - SEMESTER HOURS: 2**

AF 0802-0029; COMPLETION DATE: DEC 1994 TO PRESENT; 2 SEMESTER HOURS IN HAZARDOUS MATERIALS OR FIRE SCIENCE; EVAL: NOV 98

**47205 - SEMESTER HOURS: 3**

AF 0802-0030; COMPLETION DATE: DEC 1994 TO PRESENT; 3 SEMESTER HOURS IN HAZARDOUS MATERIALS INCIDENT MANAGEMENT; EVAL: NOV 98

**47230 - SEMESTER HOURS: 2**

Deactivated: 7 MAR 94

AF 1703-0020; COMPLETION DATE: JANUARY 1990 - MARCH 1994; 2 SEMESTER HOURS IN GENERAL INTRODUCTION OF HEAVY VEHICLE AND EQUIPMENT MECHANICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**47250 - SEMESTER HOURS: 6 (VOC)**

Deactivated: 12 MAR 97

AF 1710-0032; COMPLETION DATE: DECEMBER 1982 TO FEB 1991; 3 SEMESTER HOURS IN HEAVY EQUIPMENT MAINTENANCE; 3 SEMESTER HOURS IN HEAVY EQUIPMENT OPERATION, VOCATIONAL CERTIFICATE; EVAL: OCT 88

**47251A - SEMESTER HOURS: 4 (VOC)**

Deactivated: 12 MAR 97

AF 1710-0033; COMPLETION DATE: APRIL 1986 TO PRESENT; 3 SEMESTER HOURS IN HEAVY EQUIPMENT MECHANIC (VOC), VOCATIONAL CERTIFICATE; 1 SEMESTER HOUR IN FIRE SCIENCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88

**47251B - SEMESTER HOURS: 3 (VOC)**

Deactivated: 12 MAR 97

AF 1710-0034; COMPLETION DATE: APRIL 1986 TO PRESENT; 3 SEMESTER HOURS IN HEAVY EQUIPMENT MECHANIC, VOCATIONAL CERTIFICATE; EVAL: OCT 88

**47252 - SEMESTER HOURS: 5 VOC**

Deactivated: 12 MAR 97

AF 1703-0018; 3 SEMESTER HOURS IN GENERAL AUTOMOTIVE REPAIR; 1 SEMESTER HOUR IN SHOP PRACTICES; 1 SEMESTER HOUR IN PREVENTIVE MAINTENANCE SYSTEMS; EVAL: SEP 85

**47253 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 12 MAR 97

COMPLETION DATE: APRIL 1986 TO PRESENT; 3 SEMESTER HOURS IN AUTO BODY REPAIR, VOCATIONAL CERTIFICATE; EVAL: OCT 88

**47254 - SEMESTER HOURS: 1**

Deactivated

AF 1710-0036; COMPLETION DATE: APRIL 1986 TO OCTOBER 1988; 1 SEMESTER HOUR IN MAINTENANCE CONTROL, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: OCT 88



**47271 - SEMESTER HOURS: 2**

Deactivated: 28 JUL 97

AF 1703-0021; COMPLETION DATE: APRIL 1991 TO PRESENT; 2 SEMESTER HOURS IN HEAVY EQUIPMENT OPERATION/MAINTENANCE; EVAL: JUNE 1994

**47275 - SEMESTER HOURS: 2**

Deactivated: 28 JUL 97

AF 1703-0022; COMPLETION DATE: JULY 1991 TO PRESENT; 2 SEMESTER HOURS IN AUTOMOTIVE TECHNOLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**49151 - SEMESTER HOURS: 1**

Deactivated: 17 MAY 94

AF 1402-0070; COMPLETION DATE: JUNE 1986 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO COMPUTERS OR INTRODUCTION TO DATA PROCESSING; EVAL: FEB 87

**49152 - SEMESTER HOURS: 1**

Deactivated: 14 FEB 95

AF 1402-0071; COMPLETION DATE: JUNE 1986 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO COMPUTERS OR INTRODUCTION TO DATA PROCESSING OR INTRODUCTION TO COMPUTER PROGRAMMING; EVAL: FEB 87

**49251 - SEMESTER HOUR(S): 1**

Deactivated: 4 MAY 98

AF 1715-0781; COMPLETION DATE: MAR 87 TO PRESENT; 1 SEMESTER HOUR IN SURVEY OF COMMUNICATIONS THEORY AND EQUIPMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**49350A - SEMESTER HOUR(S): 1**

Deactivated: 26 OCT 95

AF 1715-0778; COMPLETION DATE: OCT 87 TO PRESENT; 1 SEMESTER HOUR IN REVIEW OF ELECTRONIC AND DIGITAL PRINCIPLES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**49350B - SEMESTER HOUR(S): 2**

Deactivated: 5 DEC 00

AF 1715-0788; COMPLETION DATE: DEC 89 TO PRESENT; 1 SEMESTER HOUR IN SURVEY OF TRANSMISSION MEDIA; 1 SEMESTER HOUR IN INTRODUCTION TO TELECOMMUNICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**49370 - SEMESTER HOUR(S): 1**

Deactivated: 5 DEC 00

AF 1715-0790; COMPLETION DATE: JUL 89 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO TELECOMMUNICATIONS SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**49650 - SEMESTER HOUR(S):**

Deactivated: 20 OCT 94

AF 1715-0787; COMPLETION DATE: FEB 89 TO PRESENT; CREDIT IS NOT RECOMMENDED BECAUSE OF THE MILITARY-SPECIFIC NATURE OF THE COURSE; EVAL: NOV 91

**4A051A - SEMESTER HOURS: 7**

AF 1408-0118; COMPLETION DATE: JUL 1995 TO PRESENT; 1 SEMESTER HOUR IN MANAGED CARE SYSTEMS; 1 SEMESTER HOUR IN MEDICAL TERMINOLOGY AND ANATOMY/PHYSIOLOGY; 3 SEMESTER HOURS IN MEDICAL INFORMATION SYSTEMS AND 2 SEMESTER HOURS IN MEDICAL RECORDS; EVAL: NOV 98

**4A051C - SEMESTER HOURS: 3**

AF 1408-0116; COMPLETION DATE: APR 1996 TO PRESENT; 1 SEMESTER HOUR IN PLANNING AND MANAGING THE MEDICAL BUDGET AND 2 SEMESTER HOURS IN MEDICAL RESOURCE MANAGEMENT; EVAL: NOV 98

**4A151 - SEMESTER HOURS: 3**

AF 1408-0117; COMPLETION DATE: JAN 1998 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 2 SEMESTER HOURS IN MATERIALS MANAGEMENT AND 1 SEMESTER HOUR IN MEDICAL EQUIPMENT MANAGEMENT; EVAL: NOV 98

**4A251A - SEMESTER HOURS: 4 (1 VOC)**

AF 1715-0867; COMPLETION DATE: JAN 1994 TO PRESENT; 1 SEMESTER HOUR IN BIOMEDICAL EQUIPMENT MAINTENANCE (VOC); 3 SEMESTER HOURS IN ELECTRONICS AND 1 SEMESTER HOUR IN COMPUTER MAINTENANCE; EVAL: NOV 98

**4A251B - SEMESTER HOURS: 5**

AF 1715-0866; COMPLETION DATE: MAY 1996 TO PRESENT; 2 SEMESTER HOURS IN FUNDAMENTALS OF IONIZING RADIATION; 2 SEMESTER HOURS IN A SURVEY OF ELECTRICAL EQUIPMENT USED IN PATIENT CARE AND 1 SEMESTER HOUR IN MEDICAL TERMINOLOGY; EVAL: NOV 98

**4C051 - SEMESTER HOURS: 7**

AF 0703-0024; COMPLETION DATE: NOV 1996 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN MENTAL HEALTH ASSISTANT ROLE; 3 SEMESTER HOURS IN FUNDAMENTALS OF MENTAL HEALTH AND 3 SEMESTER HOURS IN FUNDAMENTALS OF MEDICAL HEALTH CARE; EVAL: NOV 98

**4D051 - SEMESTER HOURS: 8**

AF 0104-0004; COMPLETION DATE: APR 1996 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO HEALTH PROFESSION CAREERS; 2 SEMESTER HOURS IN FOOD SERVICE AND PRODUCTION; 3 SEMESTER HOURS IN DIET THERAPY (CLINICAL DIETETICS); 2 SEMESTER HOURS IN FOOD MANAGEMENT AND 1 SEMESTER HOUR IN FOOD PERSONNEL MANAGEMENT; EVAL: NOV 98

**4E051 - SEMESTER HOURS: 8**

AF 0704-0043; COMPLETION DATE: AUG 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR HUMAN ANATOMY, 2 SEMESTER HOURS IN EPIDEMIOLOGY, 1 SEMESTER HOUR IN OCCUPATIONAL HEALTH SURVEILLANCE; 2 SEMESTER HOURS IN SANITATION AND FOOD SAFETY AND 2 SEMESTER HOURS IN FIELD FOOD MANAGEMENT; EVAL: NOV 98

**4F051 - SEMESTER HOURS: 6**

AF 0709-0039; COMPLETION DATE: APRIL 1998 TO PRESENT; 2 SEMESTER HOURS IN AEROSPACE PHYSIOLOGY AND PATHOPHYSIOLOGY; 3 SEMESTER HOURS IN INTRODUCTORY ANATOMY AND PHYSIOLOGY; AND 1 SEMESTER HOUR IN PHYSICAL ASSESSMENT; EVAL: NOV 98

**4J051 - SEMESTER HOURS: 13**

Deactivated: 5 FEB 99

AF 0704-0005; COMPLETION DATE: AUG 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN HEALTH PROFESSIONS CAREERS, 2 SEMESTER HOURS IN HUMAN ANATOMY, 3 SEMESTER HOURS IN ANATOMY AND PHYSIOLOGY, 3 SEMESTER HOURS IN THERAPEUTIC OCCUPATIONAL MODALITIES, 2 SEMESTER HOURS IN OCCUPATIONAL THERAPY FOR PHYSICAL DISABILITY AND 2 SEMESTER HOURS IN OCCUPATIONAL THERAPY FOR MENTAL DISABILITY; EVAL: NOV 98

**4J052A - SEMESTER HOURS: 9**

AF 0704-0008; COMPLETION DATE: NOV 1995 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN HEALTH PROFESSIONS CAREERS, 1 SEMESTER HOUR IN MEDICAL TERMINOLOGY, 2 SEMESTER HOURS IN CLINIC ADMINISTRATION, 3 SEMESTER HOURS IN INTRODUCTORY ANATOMY AND PHYSIOLOGY AND 2 SEMESTER HOURS IN PHYSICAL THERAPY - THERAPEUTIC MODALITIES; EVAL: NOV 98

**4J052B - SEMESTER HOURS: 12**

AF 0704-0009; COMPLETION DATE: FEB 1996 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS THERAPEUTIC EXERCISE, 3 SEMESTER HOURS IN ANATOMY AND PHYSIOLOGY OF THE AXIAL SKELETON, 3 SEMESTER HOURS IN UPPER EXTREMITY DIAGNOSIS AND TREATMENT AND 3 SEMESTER HOURS IN LOWER EXTREMITY DIAGNOSIS AND TREATMENT; EVAL: NOV 98

**4J071 - SEMESTER HOURS: 2**

AF 0704-0007; COMPLETION DATE: OCT 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 2 SEMESTER HOURS IN THE STRUCTURES AND ADMINISTRATION OF THE MEDICAL GROUP; EVAL: NOV 98

**4J072 - SEMESTER HOURS: 2**

AF 0704-0006; COMPLETION DATE: SEPT 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN INTRODUCTION TO HEALTH PROFESSIONS CAREERS AND 1 SEMESTER HOUR IN INTRODUCTION TO CLINIC MANAGEMENT; EVAL: NOV 98

**4M051 - SEMESTER HOURS: 13**

AF 0709-0040; COMPLETION DATE: JUNE 1994 TO PRESENT; 5 SEMESTER HOURS IN GENERAL AEROSPACE PHYSIOLOGY; 5 SEMESTER HOURS IN HYPERBARIC AND OTHER PRESSURIZATION CHAMBER; 3 SEMESTER HOURS IN PRINCIPLES OF IN-FLIGHT EGRESS; EVAL: NOV 98

**4N051A - SEMESTER HOURS: 5**

AF 0709-0041; COMPLETION DATE: NOV 1995 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN MEDICAL TERMINOLOGY AND 2 SEMESTER HOURS IN MEDICAL SERVICES; EVAL: NOV 98

**4N051B - SEMESTER HOURS: 3**

AF 0709-0042; COMPLETION DATE: NOV 1995 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN NURSING FUNDAMENTALS; EVAL: NOV 98

**4N151A - SEMESTER HOURS: 7**

AF 0703-0025; COMPLETION DATE: AUG 1996 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 2 SEMESTER HOURS IN PRINCIPLES OF HOT AND COLD STERILIZATION, 3 SEMESTER HOURS IN ANESTHESIA AND BASIC SURGICAL CARE AND 2 SEMESTER HOURS IN SURGICAL METHODS AND WOUND MANAGEMENT; EVAL: NOV 98

**4N151B - SEMESTER HOURS: 6**

AF 0703-0026; COMPLETION DATE: MAR 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 2 SEMESTER HOURS IN ORGANIZATION OF THE HUMAN BODY, 2 SEMESTER HOURS IN ADMINISTRATION, MAINTENANCE AND EVALUATION OF A SURGICAL PROGRAM AND 2 SEMESTER HOURS IN PRINCIPLES OF GENERAL SURGERY; EVAL: NOV 98

**4P051A - SEMESTER HOURS: 5**

AF 0799-0012; COMPLETION DATE: OCT 1995 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN INTRODUCTION TO THE SCIENCE OF PHARMACY AND 2 SEMESTER HOURS IN PHARMACOLOGICAL ADMINISTRATION; EVAL: NOV 98

**4P051B - SEMESTER HOURS: 5**

AF 0799-0011; COMPLETION DATE: JUL 1996 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN ANATOMY AND PHYSIOLOGY OF BODY SYSTEMS AND 2 SEMESTER HOURS IN BODY ENDOCRINE SYSTEM; EVAL: NOV 98

**4R051 - SEMESTER HOURS: 10**

AF 0705-0004; COMPLETION DATE: MARCH 1997 TO PRESENT; 3 SEMESTER HOURS IN PRINCIPLES OF IONIZING RADIATION IMAGING; 2 SEMESTER HOURS IN ADMINISTRATION FOR THE RADIOLOGY DEPARTMENT; 3 SEMESTER HOURS IN OSTEOLOGY AND RADIOGRAPHIC IMAGING AND 2 SEMESTER HOURS IN CLINICAL BIOLOGY; EVAL: NOV 98

**4T051B - SEMESTER HOURS: 11**

AF 0702-0011; COMPLETION DATE: FEB 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN INTRODUCTION TO MICROBIOLOGY; 2 SEMESTER HOURS IN COMMON MICROORGANISMS; 3 SEMESTER HOURS IN OTHER MICROORGANISMS AFFECTING HUMANS AND 3 SEMESTER HOURS IN PARASITOLOGY; EVAL: NOV 98

**4T051C - SEMESTER HOURS: 9**

AF 0702-0012; COMPLETION DATE: JAN 1998 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN HEMATOLOGY; EVAL: NOV 98; IN THE UPPER-DIVISION BACCALAUREATE CATEGORY, 3 SEMESTER HOURS IN IMMUNOLOGY AND 3 SEMESTER HOURS IN BLOOD BANKING; EVAL: NOV 98

**4V051 - SEMESTER HOURS: 6**

AF 0706-0006; COMPLETION DATE: MAY 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 2 SEMESTER HOURS IN MEDICAL RECORDS MANAGEMENT; 2 SEMESTER HOURS IN ANATOMY AND PATHOPHYSIOLOGY OF THE EYE AND 2 SEMESTER HOURS IN ASSESSMENT, SCREENING AND TESTING (OPHTHALMIC PROCEDURES); EVAL: NOV 98

**4V051A - SEMESTER HOURS: 3**

AF 0706-0005; COMPLETION DATE: OCT 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 3 SEMESTER HOURS IN INTRODUCTION TO OPHTHALMOLOGY SURGICAL ASSISTANT METHODOLOGIES; EVAL: NOV 98

**4V071 - SEMESTER HOURS: 2**

AF 0706-0004; COMPLETION DATE: MAR 1997 TO PRESENT; IN THE LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE CATEGORY, 1 SEMESTER HOUR IN INTRODUCTION TO OPTOMETRY AND 1 SEMESTER HOUR IN INTRODUCTION TO OPHTHALMOLOGY; EVAL: NOV 98

**4Y051A - SEMESTER HOURS: 9**

AF 0701-0019; COMPLETION DATE: NOVEMBER 1995 TO PRESENT; 3 SEMESTER HOURS OFFICE MANAGEMENT AND ADMINISTRATION; 2 SEMESTER HOURS IN BASIC DENTAL SCIENCE; 2 SEMESTER HOURS IN DENTAL ANATOMY AND PHYSIOLOGY AND 2 SEMESTER HOURS IN DENTAL MATERIALS AND PROCEDURES; EVAL: NOV 98

**4Y052 - SEMESTER HOURS: 5**

AF 0701-0021; COMPLETION DATE: NOVEMBER 1997 TO PRESENT; 2 SEMESTER HOURS IN ANATOMY AND PHYSIOLOGY OF THE MOUTH; 2 SEMESTER HOURS IN MATERIALS MANAGEMENT IN THE DENTAL LABORATORY AND 1 SEMESTER HOUR IN TECHNIQUES IN DENTISTRY; EVAL: NOV 98

**51150 - SEMESTER HOURS: 2**

Deactivated

AF 1402-0017; COMPLETION DATE: MAY 1979 TO DECEMBER 1987; 1 SEMESTER HOUR IN COMPUTER OPERATIONS; 1 SEMESTER HOUR IN INTRODUCTION TO DATA PROCESSING; EVAL: SEP 84

**51151 - SEMESTER HOURS: 3**

Deactivated

AF 1402-0065; COMPLETION DATE: APRIL 1979 TO DECEMBER 1987; 3 SEMESTER HOURS IN COMPUTER PROGRAMMING; EVAL: SEP 84

**51170 - SEMESTER HOURS: 2**

Deactivated

AF 1402-0068; COMPLETION DATE: FEBRUARY 1983 TO JUNE 1988; 2 SEMESTER HOURS IN COMPUTER OPERATIONS AND MANAGEMENT; EVAL: SEP 84

**51171 - SEMESTER HOURS: 2**

Deactivated

AF 1402-0012; COMPLETION DATE: MAY 1979 TO JUNE 1988; 2 SEMESTER HOURS IN SYSTEMS ANALYSIS; EVAL: NOV 86

**53151 - SEMESTER HOURS: 6 (VOC)**

Deactivated

AF 1723-0007; COMPLETION DATE: SEPTEMBER 1975 TO 16 MAY 1989; 6 SEMESTER HOURS IN WELDING; EVAL: SEP 86

**53153 - SEMESTER HOURS: 6**

Deactivated

AF 1704-0054; COMPLETION DATE: APRIL 1977 TO DECEMBER 1987; 5 SEMESTER HOURS IN AIRCRAFT STRUCTURAL REPAIR; 1 SEMESTER HOUR IN AIRCRAFT RIGGING; EVAL: MAR 85

**54230 - SEMESTER HOURS: 2 (VOC)**

Deactivated: 30 OCT 92

AF 1714-0023; COMPLETION DATE: APRIL 1981 TO PRESENT; 2 SEMESTER HOURS IN CERTIFICATE PROGRAMS – BASIC ELECTRIC FUNDAMENTALS OR ELECTRICAL WIRING; EVAL: MAR 85

**54250 - SEMESTER HOURS: 2 (6 VOC)**

Deactivated: 11 MAY 95

AF 1714-0028; COMPLETION DATE: FEBRUARY 1983 TO PRESENT; 3 SEMESTER HOURS IN ELECTRICAL SYSTEMS (VOC), 3 SEMESTER HOURS IN ELECTRIC MOTORS AND EQUIPMENT (VOC); 2 SEMESTER HOURS IN ELECTRICAL AND MECHANICAL EQUIPMENT IN BUILDINGS (ELECTRICAL); EVAL: SEP 86

**54250A - SEMESTER HOURS: 2**

Deactivated: 31 MAR 97

AF 1714-0042; COMPLETION DATE: FEBRUARY 1993 TO PRESENT; 2 SEMESTER HOURS IN ELECTRICAL EQUIPMENT INSTALLATION AND MAINTENANCE, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**54250B - SEMESTER HOURS: 2**

AF 1714-0044; COMPLETION DATE: JULY 1993 TO PRESENT; 2 SEMESTER HOURS IN ELECTRICAL EQUIPMENT INSTALLATION AND MAINTENANCE, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**54251 - SEMESTER HOURS: 3 (8 VOC)**

Deactivated: 30 OCT 92

AF 1714-0026; COMPLETION DATE: MAY 1985 TO PRESENT; 4 SEMESTER HOURS IN ELECTRICAL FUNDAMENTALS (VOC); 4 SEMESTER HOURS IN ELECTRICAL DISTRIBUTION SYSTEMS MAINTENANCE (VOC); 3 SEMESTER HOURS IN ELECTRICAL FUNDAMENTALS (AC/DC CIRCUITS); EVAL: SEP 86

**54252A - SEMESTER HOURS: 2**

Deactivated: 31 Oct 96

AF 1714-0043; COMPLETION DATE: JUNE 1993 TO PRESENT; 1 SEMESTER HOUR IN AC/DC CIRCUITS AND 1 IN SOLID STATE ELECTRONICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: JUNE 1994

**54252B - SEMESTER HOURS: 6**

Deactivated: 13 SEP 00

AF 1714-0040; COMPLETION DATE: AUGUST 1993 TO PRESENT; 2 SEMESTER HOURS IN DIESEL ENGINE SYSTEMS MAINTENANCE; 2 IN ELECTRICAL POWER PLANT MAINTENANCE; 2 IN ELECTRICAL POWER

PRODUCTION ENGINE MAINTENANCE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**54271 - SEMESTER HOURS: 6 (8 VOC)**

Deactivated

AF 1714-0025; COMPLETION DATE: JULY 1985 TO 18 MAR 1989; 4 SEMESTER HOURS IN ELECTRICAL FUNDAMENTALS (VOC); 4 SEMESTER HOURS IN POWER SYSTEMS MAINTENANCE (VOC); 3 SEMESTER HOURS IN ELECTRICAL FUNDAMENTALS (AC/DC CIRCUITS); 3 SEMESTER HOURS IN POWER DISTRIBUTION SYSTEMS; EVAL: SEP 86

**54272A - SEMESTER HOURS: 3**

Deactivated: 17 MAY 96

AF 1408-0096; COMPLETION DATE: MAY 1989 TO PRESENT; 1 SEMESTER HOUR IN MAINTENANCE MANAGEMENT; 1 SEMESTER HOUR IN PRINCIPLES OF SUPERVISION; 1 SEMESTER HOUR IN ELECTRICAL/ELECTRONICS FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**54272B - SEMESTER HOURS: 6**

AF 1714-0031; COMPLETION DATE: MAY 1989 TO PRESENT; 2 SEMESTER HOURS IN DIESEL ENGINE SYSTEMS MAINTENANCE; 2 SEMESTER HOURS IN ELECTRICAL POWER PLANT MAINTENANCE; 2 SEMESTER HOURS IN ELECTRICAL POWER PRODUCTION ENGINE MAINTENANCE, VOCATIONAL CERTIFICATE; EVALUATED DECEMBER 1989

**54350 - SEMESTER HOURS: 3 (15 VOC)**

Deactivated

AF 1714-0027; COMPLETION DATE: JANUARY 1985 TO 19 APR 1990; 3 SEMESTER HOURS IN DIESEL ENGINE SYSTEMS MAINTENANCE (VOC); 3 SEMESTER HOURS IN ELECTRICAL POWER PLANT MAINTENANCE (VOC); 3 SEMESTER HOURS IN ELECTRIC POWER PRODUCING ENGINE MAINTENANCE (VOC); 3 SEMESTER HOURS IN FUNDAMENTALS OF ELECTRICITY (AC/DC CIRCUITS) (VOC); 3 SEMESTER HOURS IN ELECTRONICS; EVAL: SEP 86

**54370 - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1714-0024; COMPLETION DATE: MARCH 1985 TO PRESENT; 3 SEMESTER HOURS IN ADVANCED ELECTRICAL POWERPLANT OPERATION AND MAINTENANCE; EVAL: SEP 86

**54532 - SEMESTER HOURS: 6 (VOC)**

Deactivated: 30 OCT 92

AF 1701-0008; COMPLETION DATE: MAY 1983 TO PRESENT; 6 SEMESTER HOURS IN HEATING SYSTEMS INSTALLATION AND MAINTENANCE; EVAL: SEP 86

**54533A - SEMESTER HOUR(S): 1 (VOC) 1 (LDB/AD)**

Deactivated: 30 OCT 92

AF 1710-0049; COMPLETION DATE: NOV 86 TO PRESENT; 1 SEMESTER HOUR IN BASIC ELECTRICAL REPAIR, VOCATIONAL CERTIFICATE; 1 SEMESTER HOUR IN FIRST AID AND 1 SEMESTER HOUR IN BASIC ELECTRICITY AND ELECTRONICS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**54533B - SEMESTER HOUR(S): 2**

Deactivated: 28 APR 94

AF 1710-0040; COMPLETION DATE: OCT 87 TO PRESENT; 2 SEMESTER HOURS IN MECHANICAL AND ELECTRICAL EQUIPMENT OF BUILDINGS (HVAC), LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**54550 - SEMESTER HOURS: 2 (6 VOC)8**

Deactivated: 30 OCT 92

AF 1730-0016; COMPLETION DATE: SEPTEMBER 1984 TO PRESENT; 6 SEMESTER HOURS IN REFRIGERATION AND AIR CONDITION INSTALLATION AND MAINTENANCE (VOC), 2 SEMESTER HOURS IN MECHANICAL AND ELECTRICAL EQUIPMENT OF BUILDINGS (AIR CONDITIONING); EVAL: SEP 86

**54550A - SEMESTER HOURS: 5**

Deactivated: 30 APR 97

AF 1701-0012; COMPLETION DATE: JANUARY 1993 TO PRESENT; 3 SEMESTER HOURS IN REFRIGERATIONS AND AIR CONDITIONING INSTALLATION AND MAINTENANCE, VOCATIONAL CERTIFICATE; 2 SEMESTER HOURS IN HEATING, VENTILATING, REFRIGERATION, AND AIR CONDITIONING FUNDAMENTALS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**54550B - SEMESTER HOURS: 3**

AF 1701-0013; COMPLETION DATE: JUNE 1993 TO PRESENT; 3 SEMESTER HOURS IN REFRIGERATION, HEATING, VENTILATING AND AIR CONDITIONING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**54551 - SEMESTER HOURS: 4 (VOC)**

Deactivated: 25 FEB 98

AF 1601-0030; COMPLETION DATE: JULY 1986 TO PRESENT; 4 SEMESTER HOURS IN LIQUID FUEL SYSTEMS DISTRIBUTION AND MAINTENANCE OR TANK FARM OPERATIONS; EVAL: SEP 86

**54552A - SEMESTER HOUR(S): 2**

Deactivated: 30 OCT 92

AF 1701-0010; COMPLETION DATE: SEP 87 TO PRESENT; 2 SEMESTER HOURS IN MECHANICAL AND ELECTRICAL EQUIPMENT FOR BUILDINGS (HEATING SYSTEMS), LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**54552B - SEMESTER HOUR(S): 2**

Deactivated: 17 NOV 94

AF 1701-0011; COMPLETION DATE: AUG 88 TO PRESENT; 2 SEMESTER HOURS IN MECHANICAL AND ELECTRICAL EQUIPMENT FOR BUILDINGS (HEATING SYSTEMS), LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**54570 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 30 OCT 92

AF 1730-0017; COMPLETION DATE: MAY 1980 TO PRESENT; 3 SEMESTER HOURS IN ELECTRONICS; EVAL: SEP 86

**54572 - SEMESTER HOURS: 2 (3 VOC)**

Deactivated

AF 1701-0009; COMPLETION DATE: AUGUST 1984 TO 29 DEC 1988; 3 SEMESTER HOURS IN ADVANCED PLUMBING (VOC); 2 SEMESTER HOURS IN MECHANICAL AND ELECTRICAL EQUIPMENT IN BUILDINGS (HEATING); EVAL: SEP 86

**55130 - SEMESTER HOURS: 4 (VOC)**

Deactivated: 30 OCT 92

AF 1601-0048; COMPLETION DATE: JULY 1985 TO PRESENT; 4 SEMESTER HOURS IN HIGHWAY MAINTENANCE; EVAL: SEP 86

**55131 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 15 OCT 93

AF 1710-0029; COMPLETION DATE: JUNE 1986 TO PRESENT; 3 SEMESTER HOURS IN BASIC CONSTRUCTION EQUIPMENT OPERATION AND MAINTENANCE; EVAL: SEP 86

**55150 - SEMESTER HOURS: 3 (4 VOC)**

Deactivated: 30 OCT 92

AF 1601-0047; COMPLETION DATE: NOVEMBER 1980 TO PRESENT; 4 SEMESTER HOURS IN HIGHWAY DESIGN AND MAINTENANCE (VOC); 3 SEMESTER HOURS IN HIGHWAY DESIGN AND CONSTRUCTION; EVAL: SEP 86

**55151 - SEMESTER HOURS: 6 (VOC)**

Deactivated: 30 OCT 92

AF 1710-0028; COMPLETION DATE: MAY 1986 TO PRESENT; 6 SEMESTER HOURS IN ADVANCED CONSTRUCTION EQUIPMENT OPERATION AND MAINTENANCE; EVAL: SEP 86

**55151A - SEMESTER HOURS: 3**

Deactivated: 9 JAN 97

AF 1601-0051; COMPLETION DATE: JANUARY 1993 TO PRESENT; 3 SEMESTER HOURS IN BASIC CONSTRUCTION EQUIPMENT OPERATION AND MAINTENANCE, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**55151B - SEMESTER HOURS: 6**

AF 1601-0052; COMPLETION DATE: FEBRUARY 1993 TO PRESENT; 6 SEMESTER HOURS IN ADVANCED CONSTRUCTION EQUIPMENT OPERATION AND MAINTENANCE, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**55230 - SEMESTER HOURS: - 3 (VOC)**

Deactivated: 15 OCT 92

AF 1710-0025; COMPLETION DATE: JULY 1984 TO PRESENT; 3 SEMESTER HOURS IN CARPENTRY; EVAL: SEP 86

**55231 - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1710-0030; COMPLETION DATE: NOVEMBER 1983 TO 13 JAN 1990; 3 SEMESTER HOURS IN MASONRY CONSTRUCTION; EVAL: SEP 86

**55235 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 30 OCT 92

AF 1710-0027; COMPLETION DATE: NOVEMBER 1985 TO PRESENT; 3 SEMESTER HOURS IN PLUMBING; EVAL: 86

**55250 - SEMESTER HOURS: 2 (3 VOC)**

Deactivated: 30 OCT 92

AF 1710-0024; COMPLETION DATE: APRIL 1986 TO PRESENT; 3 SEMESTER HOURS IN ADVANCED CARPENTRY (VOC); 2 SEMESTER HOURS IN LIGHT BUILDING FRAME CONSTRUCTION; EVAL: SEP 86

**55250A - SEMESTER HOURS: 3**

Deactivated: 30 OCT 96

AF 1732-0015; COMPLETION DATE: DECEMBER 1992 TO PRESENT; 3 SEMESTER HOURS IN SHEET METAL FABRICATION AND INSTALLATION, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**55250B - SEMESTER HOURS: 3**

AF 1732-0016; COMPLETION DATE: JANUARY 1993 TO PRESENT; 2 SEMESTER HOURS IN CARPENTRY AND 1 IN MASONRY CONSTRUCTION, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**55252 - SEMESTER HOUR(S): 4**

Deactivated: 26 AUG 91

AF 1723-0013; COMPLETION DATE: JAN 89 TO PRESENT; 4 SEMESTER HOURS IN SHEET METAL FABRICATION AND INSTALLATION, VOCATIONAL CERTIFICATE; EVAL: NOV 91

**55252A - SEMESTER HOUR(S): 2**

Deactivated: 15 OCT 92

AF 1723-0014; COMPLETION DATE: JUN 91 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTORY SHEET METAL FABRICATION AND INSTALLATION, VOCATIONAL CERTIFICATE; EVAL: NOV 91

**55252B - SEMESTER HOUR(S): 2**

AF 1723-0015; COMPLETION DATE: JUL 91 TO PRESENT; 2 SEMESTER HOURS IN SHEET METAL FABRICATION AND INSTALLATION, VOCATIONAL CERTIFICATE; EVAL: NOV 91

**55253 - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1710-0026; COMPLETION DATE: JULY 1985 TO 17 APR 1990; 3 SEMESTER HOURS IN ADVANCED MASONRY CONSTRUCTION; EVAL: SEP 86

**55255 - SEMESTER HOURS: 2 (3 VOC)**

Deactivated: 30 OCT 92

AF 1710-0021; COMPLETION DATE: NOVEMBER 1985 TO PRESENT; 3 SEMESTER HOURS IN PLUMBING TRADES (VOC); 2 SEMESTER HOURS IN MECHANICAL SYSTEMS FOR BUILDINGS; EVAL: SEP 86

**55271 - SEMESTER HOURS: 3 (6 VOC)**

Deactivated

AF 1601-0049; COMPLETION DATE: MARCH 1981 TO 17 JUN 1989; 3 SEMESTER HOURS IN MATERIALS OF BUILDING CONSTRUCTION (VOC ); 3 SEMESTER HOURS IN METHODS OF LIGHT CONSTRUCTION (VOC); 3 SEMESTER HOURS IN MATERIALS AND METHODS OF BUILDING CONSTRUCTION (LIGHT CONSTRUCTION); EVAL: SEP 86

**55275 - SEMESTER HOURS: 2 (3 VOC)**

Deactivated: 14 SEP 89

AF 1710-0023; COMPLETION DATE: JUNE 1985 TO PRESENT; 3 SEMESTER HOURS IN ADVANCED PLUMBING; 2 SEMESTER HOURS IN MECHANICAL AND ELECTRICAL EQUIPMENT IN BUILDINGS (PLUMBING); EVAL: SEP 86

**55350 - SEMESTER HOURS: 21 (VOC)**

Deactivated: 19 AUG 97

AF 1601-0046; COMPLETION DATE: AUGUST 1986 TO PRESENT; 3 SEMESTER HOURS IN APPLIED TECHNICAL MATHEMATICS (VOC); 6 SEMESTER HOURS IN BASIC SURVEYING AND/OR CONSTRUCTION SURVEYING; 3 SEMESTER HOURS IN SOIL ANALYSIS AND TESTING; 3 SEMESTER HOURS IN ASPHALT AND CONCRETE TESTING; 6 SEMESTER HOURS IN ENGINEERING DRAFTING AND/OR ARCHITECTURAL DRAFTING; 3 SEMESTER HOURS IN CONSTRUCTION MANAGEMENT; EVAL: SEP 86

**55530 - NO CREDIT**

Deactivated: 7 MAR 94

AF 1405-0060; EVAL: SEP 86

**56650 - SEMESTER HOUR(S): 3**

Deactivated: 30 AUG 96

AF 0101-0005; COMPLETION DATE: MAR 89 TO PRESENT; 3 SEMESTER HOURS IN SANITATION AND/OR PEST CONTROL MANAGEMENT (ENVIRONMENTAL/HEALTH TECHNOLOGY), LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**56651 - SEMESTER HOUR(S): 4**

Deactivated: 30 OCT 92

AF 1710-0041; COMPLETION DATE: JUL 88 TO PRESENT; 1 SEMESTER HOUR IN CIVIL ENGINEERING FUNDAMENTALS AND ELECTRICAL MOTOR FUNDAMENTALS; 3 SEMESTER HOURS IN WATER ANALYSIS, TREATMENT, PROCESSING, DISTRIBUTION, AND COLLECTION--LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**56651A - SEMESTER HOURS: 3**

Deactivated: 4 FEB 97

AF 1732-0004; COMPLETION DATE: FEBRUARY 1993 TO PRESENT; 1 SEMESTER HOUR IN BASIC PLUMBING FUNDAMENTALS, VOCATIONAL CERTIFICATE; 2 SEMESTER HOURS IN WASTEWATER MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**56651B - SEMESTER HOURS: 3**

AF 1732-0005; COMPLETION DATE: JUNE 1993 TO PRESENT; 1 SEMESTER HOUR IN ELECTRICAL MOTORS AND PUMPS, VOCATIONAL CERTIFICATE; 2 SEMESTER HOURS IN WASTEWATER MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**57150 - SEMESTER HOURS: 3**

Deactivated: 16 JUL 93

AF 1728-0038; COMPLETION DATE: JUNE 1985 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO FIRE SCIENCE; EVAL: SEP 86

**57170 - SEMESTER HOURS: 2 (VOC)**

Deactivated: 10 MAY 94

AF 1728-0046; COMPLETION DATE: SEPTEMBER 1985 TO PRESENT; 2 SEMESTER HOURS IN FIRE GROUND SUPERVISION; EVAL: SEP 86

**57170A - SEMESTER HOURS: 2**

AF 1722-0013; COMPLETION DATE: MAY 94 TO PRESENT; 2 SEMESTER HOURS IN FIRE SCIENCE COMPANY OFFICER LEADERSHIP; EVAL: NOV 98

**57170B - SEMESTER HOURS: 1**

AF 1406-0108; COMPLETION DATE: MAY 94 TO PRESENT; 1 SEMESTER HOUR IN FIRE SERVICE INSTRUCTOR; EVAL: NOV 98

**57170E - SEMESTER HOURS: 1**

AF 1722-0014; COMPLETION DATE: MAY 94 TO PRESENT; 1 SEMESTER HOUR IN FIRE SERVICES COMPANY OFFICER LEADERSHIP; EVAL: NOV 98

**60232 - SEMESTER HOURS: 1 (VOC)**

Deactivated

AF 1405-0061; COMPLETION DATE: NOVEMBER 1984 TO 19 AUG 1989; 1 SEMESTER HOUR IN LOGISTICS OR WAREHOUSE SUPERVISION; EVAL: FEB 87

**60250 - SEMESTER HOURS: 3**

Deactivated: 7 OCT 93

AF 0419-0031; COMPLETION DATE: AUGUST 1981 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO TRANSPORTATION; EVAL: FEB 87

**60251 - SEMESTER HOURS: 3**

Deactivated: 7 OCT 93

AF 0419-0032; COMPLETION DATE: AUGUST 1981 TO PRESENT; 3 SEMESTER HOURS IN PRINCIPLES OF TRANSPORTATION/TRAFFIC MANAGEMENT; EVAL: FEB 87

**60252 - SEMESTER HOURS: 1 (VOC)**

Deactivated

AF 1405-0062; COMPLETION DATE: JULY 1985 TO 19 AUG 1989; 1 SEMESTER HOUR IN LOGISTICS OR WAREHOUSE SUPERVISION; EVAL: FEB 87

**60253 - SEMESTER HOURS: 1**

Deactivated: 29 JAN 98

AF 0419-0037; COMPLETION DATE: MARCH 1993 TO PRESENT; 1 SEMESTER HOUR IN TRANSPORTATION MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**60271 - SEMESTER HOURS: - 3**

Deactivated

AF 0419-0030; COMPLETION DATE: MAY 1983 TO 19 AUG 1989; 3 SEMESTER HOURS IN PRINCIPLES OF TRANSPORTATION/TRAFFIC MANAGEMENT; EVAL: FEB 87

**60330 - SEMESTER HOURS: 2 (VOC)**

Deactivated: 21 JUL 95



AF 0419-0026; COMPLETION DATE: APRIL 1983 TO PRESENT; 2 SEMESTER HOURS IN VEHICLE OPERATIONS; EVAL: OCT 85

**60350 - SEMESTER HOURS: 2**

Deactivated: 12 NOV 98

AF 1703-0023; COMPLETION DATE: SEPTEMBER 1993 TO PRESENT; 2 SEMESTER HOURS IN VEHICLE OPERATIONS, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**60370 - SEMESTER HOURS: 1**

Deactivated: 3 OCT 94

AF 0419-0023; COMPLETION DATE: JUNE 1978 TO PRESENT; 1 SEMESTER HOUR IN PRINCIPLES OF SUPERVISION; EVAL: OCT 85:

**60531 - NO CREDIT**

Deactivated: 4 JUN 91

AF 0419-0029; EVAL: FEB 87

**60550 - NO CREDIT**

Deactivated: 27 JUN 90

AF 0419-0021; EVAL: FEB 87

**60551 - SEMESTER HOURS: 3**

Deactivated: 27 JUN 90

AF 0419-0004; COMPLETION DATE: JULY 1984 TO PRESENT; 3 SEMESTER HOURS IN BASICS OF AIR CARGO; EVAL: OCT 85

**60555 - NO CREDIT**

Deactivated: 29 JUL 97

AF 0419-0038; COMPLETION DATE: MAY 1993 TO PRESENT; EVAL: JUNE 1994

**61130 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 8 FEB 90

AF 1729-0013; COMPLETION DATE: JANUARY 1983 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO HOTEL/MOTEL OPERATIONS; EVAL: OCT 85

**61150 - SEMESTER HOURS: 2 (VOC)**

Deactivated: 4 AUG 89

AF 1729-0014; COMPLETION DATE: FEBRUARY 1983 TO MAR 1991; 1 SEMESTER HOUR IN INTRODUCTION TO HOTEL-MOTEL OPERATIONS OR FRONT OFFICE PROCEDURES; 1 SEMESTER HOUR IN INSTITUTIONAL HOUSEKEEPING; EVAL: OCT 85

**61170 - NO CREDIT**

Deactivated: 24 SEP 91

AF 0419-0028; EVAL: FEB 87

**61231 - NO CREDIT**

Deactivated: 7 DEC 90

AF 1729-0015; EVAL: FEB 87

**61251 - NO CREDIT**

Deactivated: 1 OCT 92

AF 1729-0016; EVAL: FEB 87

**61271 - NO CREDIT**

Deactivated: 12 MAR 91

AF 1729-0017; EVAL: FEB 87

**62230 - SEMESTER HOURS: 2**

Deactivated: 8 FEB 90

AF 1729-0010; COMPLETION DATE: JANUARY 1984 TO PRESENT; 2 SEMESTER HOURS IN FOOD SERVICE FUNDAMENTALS; EVAL: OCT 85

**62250 - SEMESTER HOURS: 3**

Deactivated: 4 AUG 89

AF 1729-0011; COMPLETION DATE: JULY 1984 TO MAR 1991; 2 SEMESTER HOURS IN PRINCIPLES OF FOOD PREPARATION; 1 SEMESTER HOUR IN FOOD SERVICE MANAGEMENT, (UPPER DIV); EVAL: OCT 85

**62270 - SEMESTER HOURS: 2**

Deactivated: 24 SEP 91

AF 1729-0012; COMPLETION DATE: JULY 1984 TO PRESENT; 2 SEMESTER HOURS IN FOOD SERVICE MANAGEMENT; EVAL: OCT 85

**62370 - SEMESTER HOURS: 4**

Deactivated: 11 APR 94

AF 1408-0107; COMPLETION DATE: SEPTEMBER 1991 TO PRESENT; 2 SEMESTER HOURS IN SUPERVISION; 1 SEMESTER HOUR IN BUDGETING; 1 SEMESTER HOUR IN MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**63150 - SEMESTER HOURS: 3**

Deactivated: 22 MAY 96

AF 1703-0019; COMPLETION DATE: APRIL 1983 TO PRESENT; 3 SEMESTER HOURS IN AVIATION TECHNOLOGY; EVAL: DEC 84

**64531 - SEMESTER HOURS: 2**

Deactivated: 19 AUG 94

AF 1405-0018; COMPLETION DATE: DECEMBER 1984/SEPTEMBER 1986 TO PRESENT; 2 SEMESTER HOURS IN MATERIALS HANDLING; EVAL: FEB 87

**64550 - SEMESTER HOURS: 4 (2 VOC)**

Deactivated: 11 APR 94

AF 1405-0051; COMPLETION DATE: NOVEMBER 1986 TO PRESENT; 2 SEMESTER HOURS IN INVENTORY CONTROL (VOC); 2 SEMESTER HOURS IN RECORDS MANAGEMENT; 1 SEMESTER HOUR IN FILING; 1 SEMESTER HOUR IN DATA PROCESSING; EVAL: FEB 87

**64550A - SEMESTER HOURS: 3 (VOC)**

Deactivated: 29 OCT 90

AF 1405-0064; COMPLETION DATE: APRIL 1986 TO PRESENT; 1 SEMESTER HOUR IN DATA PROCESSING; 1 SEMESTER HOUR IN RECORDS MANAGEMENT; 1 SEMESTER HOUR IN REPORT WRITING; EVAL: FEB 87

**64551 - SEMESTER HOURS: 3 (VOC)**

Deactivated: 11 APR 94

AF 1405-0070; COMPLETION DATE: APRIL 1992 TO PRESENT; 3 SEMESTER HOURS IN MATERIEL HANDLING AND INVENTORY CONTROL (VOC); EVAL: APR 93

**64570 - SEMESTER HOURS: 2 (1 VOC)**

Deactivated: 22 AUG 94

AF 1405-0071; COMPLETION DATE: JULY 1991 TO PRESENT; 1 SEMESTER HOUR IN RECORDS MANAGEMENT (VOC); 2 SEMESTER HOURS IN PRINCIPLES OF SYSTEMS MANAGEMENT, UPPER-DIVISION BACCALAUREATE; EVAL: APR 93

**64570A - SEMESTER HOURS: 2**

Deactivated

AF 1405-0065; COMPLETION DATE: JUNE 1986 TO 22 JUN 1990; 1 SEMESTER HOUR IN DATA PROCESSING; 1 SEMESTER HOUR IN RECORDS MANAGEMENT; EVAL: FEB 87

**64571 - SEMESTER HOURS: 6**

Deactivated: 22 AUG 94

AF 1405-0033; COMPLETION DATE: OCTOBER 1983 TO PRESENT; 3 SEMESTER HOURS IN MATERIALS MANAGEMENT; 3 SEMESTER HOURS IN MATERIAL CONTROL SYSTEMS, (UPPER DIV); EVAL: OCT 85

**64572 - SEMESTER HOURS: 4**

Deactivated: 2 DEC 93

AF 1405-0066; COMPLETION DATE: JULY 1991 TO PRESENT; 1 SEMESTER HOUR IN DATA PROCESSING; 3 SEMESTER HOURS IN DATA BASE MANAGEMENT SYSTEMS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**65150 - SEMESTER HOURS: 1**

Deactivated: 5 DEC 97

AF 1408-0071; COMPLETION DATE: APRIL 1985 TO PRESENT; 1 SEMESTER HOUR IN PURCHASING; EVAL: FEB 87

**65170 - SEMESTER HOURS: 5**

Deactivated: 7 MAY 93

AF 1408-0072; COMPLETION DATE: MAY 1985 TO PRESENT; 3 SEMESTER HOURS IN PURCHASING; 2 SEMESTER HOURS IN BUSINESS LAW (COVERING CONTRACTS); EVAL: FEB 87

**66150 - SEMESTER HOURS: 3**

Deactivated: 20 APR 95

AF 0419-0027; COMPLETION DATE: NOVEMBER 1984 TO PRESENT; 3 SEMESTER HOURS IN LOGISTICS MANAGEMENT/TRANSPORTATION (MARKETING/MANAGEMENT IS THE MAJOR AREA); EVAL: FEB 87

**67251 - SEMESTER HOURS: 5**

Deactivated

AF 1408-0053; COMPLETION DATE: NOVEMBER 1983 TO JULY 1987; 5 SEMESTER HOURS IN GENERAL ACCOUNTING OR INTRODUCTORY ACCOUNTING; EVAL: OCT 85

**67251A - SEMESTER HOURS: 1 (1 VOC)**

Deactivated: 6 JUL 94

AF 1408-0073; COMPLETION DATE: FEBRUARY 1986 TO PRESENT; 1 SEMESTER HOUR IN BOOKKEEPING (VOC); 1 SEMESTER HOUR IN ACCOUNTING OR FINANCE; EVAL: FEB 87

**67251B - SEMESTER HOURS: 2 (VOC)**

Deactivated: 13 JUL 94

AF 1408-0074; COMPLETION DATE: JULY 1991 TO PRESENT; 2 SEMESTER HOURS IN BOOKKEEPING (VOC); EVAL: APR 93

**67251C - SEMESTER HOURS: 1 (1 VOC)**

Deactivated: 8 APR 99

AF 1408-0075; COMPLETION DATE: APR 1992 TO PRESENT; 1 SEMESTER HOUR IN BOOKKEEPING (VOC); 1 SEMESTER HOUR IN ACCOUNTING/FINANCIAL MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**67251D - SEMESTER HOURS: 3 (VOC)**

Deactivated: 8 APR 99

AF 1408-0076; COMPLETION DATE: NOV 91 TO PRESENT; 3 SEMESTER HOURS IN DATA ENTRY (VOC); EVAL: APR 93

**67251E - SEMESTER HOURS: 1 (1 VOC)**

Deactivated: 14 AUG 92

AF 1408-0077; COMPLETION DATE: JULY 1986 TO PRESENT; 1 SEMESTER HOUR IN BOOKKEEPING (VOC); 1 SEMESTER HOUR IN ACCOUNTING/FINANCIAL MANAGEMENT; EVAL: FEB 87

**67252 - SEMESTER HOURS: 5**

Deactivated

AF 1408-0021; COMPLETION DATE: JUNE 1984 TO JULY 1987; 5 SEMESTER HOURS IN INTRODUCTION TO FINANCE OR PRINCIPLES OF FINANCE; EVAL: OCT 85

**67252A - SEMESTER HOURS: 6 (VOC)**

Deactivated: 6 JUL 94

AF 1408-0078; COMPLETION DATE: APR 92 TO PRESENT; 3 SEMESTER HOURS IN BANKING OPERATIONS - CLERICAL TELLERING (VOC); 3 SEMESTER HOURS IN FINANCIAL RECORDS/DATA MANAGEMENT (VOC); EVAL: APR 93

**67252B - NO CREDIT**

Deactivated: 31 AUG 94

AF 1408-0079; EVAL: FEB 87

**67252C - SEMESTER HOURS: 3**

Deactivated: 8 APR 99

AF 1408-0080; COMPLETION DATE: JAN 92 TO PRESENT; 3 SEMESTER HOURS IN TRAVEL ADMINISTRATION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**67273 - SEMESTER HOURS: 6**

Deactivated

AF 1408-0081; COMPLETION DATE: JUNE 1984 TO DECEMBER 1987; 3 SEMESTER HOURS IN FINANCIAL ACCOUNTING; 3 SEMESTER HOURS IN MANAGERIAL ACCOUNTING, (UPPER DIV); EVAL: SEP 86

**67273A - SEMESTER HOURS: 2 (2 VOC)**

Deactivated: 21 JUL 92

AF 1408-0081; COMPLETION DATE: JUNE 1984 TO PRESENT; 2 SEMESTER HOURS IN BOOKKEEPING OR FINANCE (VOC); 1 SEMESTER HOUR IN ACCOUNTING/FINANCE; 1 SEMESTER HOUR IN DATA PROCESSING; EVAL: FEB 87

**67273B - NO CREDIT**

Deactivated: 21 JUL 92

AF 1408-0082; EVAL: FEB 87

**67450 - NO CREDIT**

Deactivated: 26 FEB 98

AF 1408-0111; COMPLETION DATE: AUGUST 1992 TO PRESENT; EVAL: JUNE 1994

**69150 - SEMESTER HOURS: 3**

Deactivated

AF 1408-0083; COMPLETION DATE: NOVEMBER 1984 TO NOV 1990; 3 SEMESTER HOURS IN BASIC STATISTICS; EVAL: FEB 87

**69170 - NO CREDIT**

Deactivated

AF 1408-0084; COMPLETION DATE: NOV 1990; EVAL: FEB 87

**70150 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 30 JUL 92

AF 1408-0085; COMPLETION DATE: AUGUST 1982 TO PRESENT; 1 SEMESTER HOUR IN RECORDS MANAGEMENT AND CORRESPONDENCE; EVAL: FEB 87

**70170 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 25 FEB 93

AF 1408-0086; COMPLETION DATE: JUNE 1982 TO PRESENT; 1 SEMESTER HOUR IN BOOKKEEPING; EVAL: FEB 87

**70250 - SEMESTER HOURS: 2**

Deactivated: 14 JUL 94

AF 1406-0045; COMPLETION DATE: AUGUST 1991 TO PRESENT; 1 SEMESTER HOUR IN RECORDS MANAGEMENT; 1 SEMESTER HOUR IN OFFICE ADMINISTRATION; EVAL: APR 93

**70250A - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1403-0002; COMPLETION DATE: NOVEMBER 1984 TO JUNE 1987; 3 SEMESTER HOURS IN OFFICE PROCEDURES; EVAL: OCT 85

**70250B - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1403-0003; COMPLETION DATE: NOVEMBER 1984 TO JUNE 1987; 3 SEMESTER HOURS IN OFFICE PROCEDURES; EVAL: OCT 85

**70250C - SEMESTER HOURS: 3 (VOC)**

Deactivated

AF 1403-0004; COMPLETION DATE: NOVEMBER 1984 TO JUNE 1987; 3 SEMESTER HOURS IN OFFICE PROCEDURES; EVAL: OCT 85

**70270 - SEMESTER HOURS: 3**

Deactivated: 25 AUG 94

AF 1406-0046; COMPLETION DATE: AUGUST 1985 TO 5 MAY 1989; 3 SEMESTER HOURS IN BUSINESS COMMUNICATIONS; EVAL: FEB 87

**70330 - SEMESTER HOURS: 3**

Deactivated: 7 MAR 94

AF 1719-0008; COMPLETION DATE: MARCH 1989 TO PRESENT; 3 SEMESTER HOURS IN PRINTING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAR 91

**70350 - SEMESTER HOUR(S): 1**

AF 1408-0098; COMPLETION DATE: JANUARY 1990 TO PRESENT; 1 SEMESTER HOUR IN PRINCIPLES OF MANAGEMENT AND SUPERVISION, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**70550 - SEMESTER HOURS: 1**

Deactivated: 10 DEC 92

AF 1406-0047; COMPLETION DATE: MARCH 1986 TO PRESENT; 1 SEMESTER HOUR IN BUSINESS MANAGEMENT; EVAL: FEB 87

**73150 - SEMESTER HOURS: 2**

Deactivated: 18 MAR 93

AF 1406-0077; COMPLETION DATE: AUG 1991 TO PRESENT; 2 SEMESTER HOURS IN COMPUTER APPLICATIONS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**73150A - NO CREDIT**

Deactivated: 20 MAY 94

AF 1402-0075; COMPLETION DATE: MARCH 1993 TO PRESENT; EVAL: JUNE 1994

**73150B - SEMESTER HOUR: 1**

Deactivated: 24 NOV 97

AF 1402-0076; COMPLETION DATE: JULY 1993 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO ELECTRONIC DATA PROCESSING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**73150C - SEMESTER HOUR: 1**

Deactivated: 24 NOV 97

AF 1402-0077; COMPLETION DATE: JULY 1993 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO ELECTRONIC DATA PROCESSING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**73150D - SEMESTER HOUR: 1**

Deactivated: 3 JUN 94

AF 1402-0078; COMPLETION DATE: SEPTEMBER 1993 TO PRESENT; 1 SEMESTER HOUR IN INTRODUCTION TO ELECTRONIC DATA PROCESSING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**73234 - SEMESTER HOURS: 1(VOC)**

Deactivated: 20 FEB 91

AF 1406-0048; COMPLETION DATE: SEPTEMBER 1985 TO PRESENT; 1 SEMESTER HOUR IN PERSONNEL SUPERVISION; EVAL: FEB 87

**73250 - SEMESTER HOURS: 3**

Deactivated: 10 FEB 94

AF 1406-0076; COMPLETION DATE: OCT 1988 TO PRESENT; 3 SEMESTER HOURS IN PERSONNEL ADMINISTRATION OR HUMAN RESOURCE MANAGEMENT; EVAL: APR 93

**73251 - SEMESTER HOURS: 1**

Deactivated: 2 SEP 92

AF 1406-0049; COMPLETION DATE: DECEMBER 1984 TO PRESENT; 1 SEMESTER HOUR IN PERSONNEL ADMINISTRATION; EVAL: FEB 87

**73270 - SEMESTER HOURS: 1**

Deactivated

AF 1406-0043; COMPLETION DATE: SEPTEMBER 1983 TO JUNE 1988; 1 SEMESTER HOUR IN PERSONNEL MANAGEMENT OR HUMAN RESOURCE MANAGEMENT (UPPER DIV); EVAL: OCT 85

**73271 - SEMESTER HOURS: 1**

Deactivated

AF 1406-0050; COMPLETION DATE: NOVEMBER 1982 TO SEPTEMBER 1988; 1 SEMESTER HOUR IN PERSONNEL ADMINISTRATION; EVAL: FEB 87

**73274 - SEMESTER HOURS: 1 (VOC)**

Deactivated: 20 FEB 91

AF 1406-0051; COMPLETION DATE: FEBRUARY 1983 TO PRESENT; 1 SEMESTER HOUR IN PERSONNEL SUPERVISION; EVAL: FEB 87

**73371 - SEMESTER HOURS: 6**

Deactivated: 4 FEB 97

AF 1406-0052; COMPLETION DATE: JUNE 1991 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO STATISTICS; 2 SEMESTER HOURS IN MANAGEMENT SCIENCES; 2 SEMESTER HOURS IN PRINCIPLES OF MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**73470A - SEMESTER HOURS: 3**

Deactivated: 9 SEP 98

AF 1406-0053; COMPLETION DATE: APRIL 1986 TO PRESENT; 2 SEMESTER HOURS IN METHODS OF TEACHING VOCATIONAL EDUCATION; 1 SEMESTER HOUR IN PERSONNEL MANAGEMENT; EVAL: FEB 87

**73470B - SEMESTER HOURS: 3**

AF 1406-0054; COMPLETION DATE: MARCH 1986 TO PRESENT; 2 SEMESTER HOURS IN METHODS OF TEACHING VOCATIONAL EDUCATION; 1 SEMESTER HOUR IN PERSONNEL ADMINISTRATION; EVAL: FEB 87

**74131 - SEMESTER HOURS: 1**

Deactivated: 26 JAN 93

AF 1406-0055; COMPLETION DATE: JULY 1985 TO PRESENT; 1 SEMESTER HOUR OF RECREATION/RECREATIONAL PROGRAMMING; EVAL: FEB 87

**74151 - SEMESTER HOURS: 1 (1 VOC)**

Deactivated: 19 NOV 93

AF 1406-0056; COMPLETION DATE: JULY 1985 TO PRESENT; 1 SEMESTER HOUR IN RECORDKEEPING (VOC); 1 SEMESTER HOUR IN RECREATION/RECREATIONAL PROGRAMMING; EVAL: FEB 87

**74171 - SEMESTER HOURS: 2**

Deactivated

AF 1406-0057; COMPLETION DATE: JULY 1985 TO DEC 1990; 1 SEMESTER HOUR IN RECREATION/RECREATION PROGRAMMING/RECREATING SERVICES; 1 SEMESTER HOUR IN SUPERVISION; EVAL: FEB 87

**74250 - SEMESTER HOURS: 4 (1 VOC)**

Deactivated: 3 OCT 91

AF 1406-0058; COMPLETION DATE: FEBRUARY 1982 TO PRESENT; 1 SEMESTER HOUR IN BOOKKEEPING (VOC); 3 SEMESTER HOURS IN INTRODUCTION TO FOOD SERVICE OR INTRODUCTION TO RESTAURANT MANAGEMENT; 1 SEMESTER HOUR IN RETAIL MANAGEMENT; EVAL: FEB 87

**74270 - SEMESTER HOURS: 4 (1 VOC)**

Deactivated: 14 SEP 89

AF 1406-0059; COMPLETION DATE: FEBRUARY 1983 TO PRESENT; 1 SEMESTER HOUR IN BOOKKEEPING; 3 SEMESTER HOURS IN INTRODUCTION TO FOOD SERVICE OR INTRODUCTION TO RESTAURANT MANAGEMENT; 1 SEMESTER HOUR IN RETAIL MANAGEMENT; EVAL: FEB 87

**75132 - SEMESTER HOURS: 1**

Deactivated

AF 1406-0071; COMPLETION DATE: MARCH 1972 TO JUNE 1987; 1 SEMESTER HOUR IN PRINCIPLES OF INSTRUCTION, UPPER-DIVISION BACCALAUREATE; EVALUATED DECEMBER 1989

**75150 - SEMESTER HOURS: 1**

Deactivated: 13 DEC 93

AF 1406-0069; COMPLETION DATE: JULY 1966 TO PRESENT; 1 SEMESTER HOUR IN EDUCATIONAL COUNSELING, UPPER-DIVISION BACCALAUREATE; EVALUATED DECEMBER 1989

**75171 - SEMESTER HOURS: 2**

Deactivated: 24 OCT 91

AF 1406-0072; COMPLETION DATE: AUGUST 1987 TO PRESENT; 2 SEMESTER HOURS IN TRAINING PROGRAM DEVELOPMENT, UPPER-DIVISION BACCALAUREATE; EVALUATED DECEMBER 1989

**75172 - SEMESTER HOURS: 2**

Deactivated

AF 1406-070; COMPLETION DATE: SEPTEMBER 1967 TO JUNE 1987; 2 SEMESTER HOURS IN SYSTEM/PROGRAM DEVELOPMENT, UPPER-DIVISION BACCALAUREATE; EVALUATED DECEMBER 1989

**75350 - SEMESTER HOURS: 2**

Deactivated: 7 APR 99

AF 2203-0054; COMPLETION DATE: MARCH 1971 TO PRESENT; 2 SEMESTER HOURS IN SMALL ARMS INSTRUCTION, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVALUATED DECEMBER 1989

**78150A - NO CREDIT**

Deactivated: 24 OCT 95

AF 0804-0001; COMPLETION DATE: JUNE 93 TO PRESENT; EVAL: JUNE 1994

**78150B - NO CREDIT**

Deactivated: 2 DEC 99

AF 0804-0002; COMPLETION DATE: JUNE 1993 TO PRESENT; EVAL: JUNE 1994

**79150 - SEMESTER HOURS: 3**

Deactivated: 1 DEC 97

AF 0401-0001; COMPLETION DATE: NOVEMBER 1991 TO PRESENT; 2 SEMESTER HOURS IN INTRODUCTION TO PUBLIC RELATIONS PRINCIPLES AND PRACTICES; 1 SEMESTER HOUR IN JOURNALISM, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: APR 93

**79151 - SEMESTER HOURS: 4**

Deactivated: 19 OCT 00

AF 0505-0002; COMPLETION DATE: MAY 1989 TO PRESENT; 4 SEMESTER HOURS IN RADIO-TV-FILM FIELD PRODUCTION, UPPER-DIVISION BACCALAUREATE; EVAL: MAR 91

**81150 - SEMESTER HOURS: 2**

Deactivated: 22 JUL 94

AF 1728-0002, AF 1728-0045; COMPLETION DATE: AUGUST 1982 TO PRESENT; 2 SEMESTER HOURS IN CRIMINAL JUSTICE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**81152 - SEMESTER HOURS: 2**

Deactivated: 22 JUL 94

AF 1728-0044; COMPLETION DATE: FEBRUARY 1987 TO PRESENT; 2 SEMESTER HOURS IN CRIMINAL JUSTICE; LOWER DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**81170 - SEMESTER HOURS: 1**

Deactivated

AF 1728-0003; COMPLETION DATE: APRIL 1982 TO DECEMBER 1987; 1 SEMESTER HOUR IN INDUSTRIAL SECURITY SUPERVISION, LAW ENFORCEMENT SUPERVISION, OR POLICE SCIENCE SUPERVISION; EVAL: JUL 84

**81172 - SEMESTER HOURS: 1**

Deactivated

AF 1728-0010; COMPLETION DATE: JUNE 1981 TO SEPTEMBER 1985; 1 SEMESTER HOUR IN LAW ENFORCEMENT SUPERVISION, OR POLICE SCIENCE SUPERVISION; EVAL: JUL 84

**82170 - SEMESTER HOURS: 5**

Deactivated: 9 FEB 95

AF 1728-0039; COMPLETION DATE: SEPTEMBER 1981 TO PRESENT; 3 SEMESTER HOURS IN CRIMINAL INVESTIGATION; 2 SEMESTER HOURS IN INTERVIEW AND INTERROGATION; EVAL: SEP 86

**88150 - NO CREDIT**

Deactivated: 20 APR 95

AF 1407-0003; COMPLETION DATE: DECEMBER 1992 TO PRESENT; EVAL: JUNE 1994

**89350 - NO CREDIT**

Deactivated: 1 SEP 94

AF 1408-0113; COMPLETION DATE: JULY 1992 TO PRESENT; EVAL: JUNE 1994

**89370 - SEMESTER HOURS: 1**

Deactivated: 8 SEP 95

AF 1408-0112; COMPLETION DATE: FEBRUARY 1993 TO PRESENT; 1 SEMESTER HOUR IN SUPERVISORY MANAGEMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE; EVAL: JUNE 1994

**90150 - SEMESTER HOUR(S): 4**

Deactivated: 13 NOV 97

AF 0709-0033; COMPLETION DATE: JUL 91 TO PRESENT; 1 SEMESTER HOUR IN MEDICAL ASSISTING; 1 SEMESTER HOUR IN ANATOMY AND PHYSIOLOGY; 1 SEMESTER HOUR IN PRINCIPLES OF EMERGENCY MEDICINE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**90250 - SEMESTER HOURS: 3**

Deactivated: 7 NOV 90

AF 0703-0012; COMPLETION DATE: APRIL 1977 TO PRESENT; 3 SEMESTER HOURS IN BASIC PRINCIPLES OF NURSING ASSISTING; EVAL: SEP 84

**90250A - SEMESTER HOUR(S): 3**

Deactivated: 27 NOV 95

AF 0703-0018; COMPLETION DATE: NOV 90 TO PRESENT; 2 SEMESTER HOURS IN ANATOMY AND PHYSIOLOGY; 1 SEMESTER HOUR IN PRINCIPLES OF NURSING ASSISTING, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**90250B - SEMESTER HOUR(S): 4**

AF 0703-0016; COMPLETION DATE: JAN 89 TO PRESENT; 4 SEMESTER HOURS IN NURSING PROCEDURES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**90252 - SEMESTER HOURS: 4**

Deactivated: 30 AUG 96

AF 0730-0015; COMPLETION DATE: APRIL 1983 TO PRESENT; 4 SEMESTER HOURS IN OPERATING ROOM TECHNIQUES AND PROCEDURES; LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**90270 - SEMESTER HOURS: 3**

Deactivated: 3 OCT 89

AF 0703-0011; COMPLETION DATE: NOVEMBER 1977 TO PRESENT; 3 SEMESTER HOURS IN INTRODUCTION TO NURSING CARE; EVAL: SEP 84

**90370 - SEMESTER HOURS: 9**

Deactivated: 29 JAN 97

AF 0705-0003; COMPLETION DATE: APRIL 1984 TO PRESENT; 2 SEMESTER HOURS IN RADIATION PHYSICS 7 SEMESTER HOURS IN RADIOGRAPHY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE EVAL: MAY 88

**90411 - SEMESTER HOURS: 6**

Deactivated

AF 0709-0029; COMPLETION DATE: DECEMBER 1985 TO 29 JUN 1990; 3 SEMESTER HOURS IN CLINICAL CHEMISTRY; 3 SEMESTER HOURS IN URINALYSIS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**90412 - SEMESTER HOURS: 3**

Deactivated: 12 MAR 91

AF 0709-0030; COMPLETION DATE: FEBRUARY 1982 TO PRESENT; 3 SEMESTER HOURS IN MICRO-BIOLOGY (LECTURE COURSE WITHOUT LAB), LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**90413 - SEMESTER HOURS: 9**

Deactivated: 6 JUN 90

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AF 0709-0031; COMPLETION DATE: SEPTEMBER 1977 TO PRESENT; 3 SEMESTER HOURS IN HEMATOLOGY; 2 SEMESTER HOURS IN SEROLOGY; 2 SEMESTER HOURS IN BLOOD BANKING; 2 SEMESTER HOURS IN IMMUNOHEMATOLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**90550 - SEMESTER HOURS: 9**

Deactivated: 31 OCT 95

AF 0799-0003; COMPLETION DATE: JUNE 1983 TO PRESENT; 9 SEMESTER HOURS IN PHARMACY TECHNOLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**90630 - SEMESTER HOURS: 1**

Deactivated

AF 0709-0028; COMPLETION DATE: APRIL 1977 TO MAY 1987; 1 SEMESTER HOUR IN INTRODUCTION TO MEDICAL ADMINISTRATION; EVAL: SEP 84

**90650 - SEMESTER HOURS: 4**

Deactivated: 9 MAR 92

AF 0709-0027; COMPLETION DATE: JULY 1983 TO 6 JUL 1990; 4 SEMESTER HOURS IN PRINCIPLES OF MEDICAL OFFICE MANAGEMENT; EVAL: SEP 84

**90650A - SEMESTER HOUR: 1**

Deactivated: 13 JUL 95

AF 0799-0008; COMPLETION DATE: MARCH 1992 TO PRESENT; 1 SEMESTER HOUR IN CLERICAL PROCEDURES, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**90650B - SEMESTER HOUR: 1**

Deactivated: 24 APR 98

AF 0799-0009; COMPLETION DATE: AUGUST 1992 TO PRESENT; 1 SEMESTER HOUR CLERICAL PROCEDURES, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**90650C - SEMESTER HOUR: 1**

Deactivated: 28 APR 98

AF 0799-0010; COMPLETION DATE: MARCH 1993 TO PRESENT; 1 SEMESTER HOUR IN CLERICAL PROCEDURES, VOCATIONAL CERTIFICATE; EVAL: JUNE 1994

**90750 - SEMESTER HOUR(S): 8**

Deactivated: 29 JAN 98

AF 0707-0010; COMPLETION DATE: NOV 91 TO PRESENT; 2 SEMESTER HOURS IN ENVIRONMENTAL PROTECTION; 6 SEMESTER HOURS IN INDUSTRIAL HYGIENE, UPPER-DIVISION BACCALAUREATE; EVAL: NOV 91

**90850 - SEMESTER HOUR(S): 4**

Deactivated: 30 NOV 95

AF 0707-0009; COMPLETION DATE: MAY 85 TO PRESENT; 2 SEMESTER HOURS IN ENVIRONMENTAL HEALTH AND OCCUPATIONAL HEALTH; 2 SEMESTER HOURS IN FOOD SANITATION, UPPER-DIVISION BACCALAUREATE; EVAL: NOV 91

**91150 - SEMESTER HOURS: 1**

Deactivated: 23 JUN 94

AF 0709-0032; COMPLETION DATE: FEBRUARY 1982 TO PRESENT; 1 SEMESTER HOUR IN FIRST AID, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**91255 - SEMESTER HOURS: 5**

Deactivated: 11 DEC 96

AF 0706-0003; COMPLETION DATE: FEBRUARY 1983 TO PRESENT; 5 SEMESTER HOURS IN OPTOMETRIC TECHNOLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**91350 - SEMESTER HOURS: 15**

Deactivated: 20 OCT 95

AF 0704-0004; COMPLETION DATE: MAY 1987 TO PRESENT; 3 SEMESTER HOURS IN NEURO-MUSCULAR-SKELETAL PATHOLOGY; 3 SEMESTER HOURS IN THERAPEUTIC EXERCISE; 7 SEMESTER HOURS IN TREATMENT MODALITIES; 2 SEMESTER HOURS IN INTRODUCTION TO PHYSICAL THERAPY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**91450 - SEMESTER HOUR(S): 4**

Deactivated: 26 NOV 96

AF 0703-0017; COMPLETION DATE: SEPT 92 TO PRESENT; 1 SEMESTER HOUR IN ANATOMY AND PHYSIOLOGY; 1 SEMESTER HOUR IN NURSING PROCEDURES; 2 SEMESTER HOURS IN MENTAL HEALTH PRINCIPLES, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**91451 - SEMESTER HOURS: 3 (3 VOC)**

Deactivated: 27 AUG 92



AF 0708-0002; COMPLETION DATE: NOVEMBER 1984 TO PRESENT; 3 SEMESTER HOURS IN NURSING ASSISTANT (VOC); 3 SEMESTER HOURS IN MENTAL HEALTH ASSOCIATE, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**91550 - SEMESTER HOURS: 6 (VOC)**

Deactivated: 6 NOV 95

AF 1406-0094; COMPLETION DATE: SEPTEMBER 1986 TO DECEMBER 1988; 6 SEMESTER HOURS IN CENTRAL SUPPLY TECHNOLOGY; EVAL: MAY 88

**91850 - SEMESTER HOURS: 15**

Deactivated: 19 JAN 94

AF 1715-0745; COMPLETION DATE: APRIL 1987 TO PRESENT; 3 SEMESTER HOURS IN BASIC ELECTRONIC PRINCIPLES; 3 SEMESTER HOURS IN ADVANCED ELECTRONICS; 3 SEMESTER HOURS IN THEORY OF MAINTENANCE AND THERAPEUTIC EQUIPMENT; 3 SEMESTER HOURS IN FUNDAMENTALS OF X-RAY AND IMAGING SYSTEMS; 3 SEMESTER HOURS IN THEORY OF CARDIAC EQUIPMENT AND COMPUTER APPLICATIONS OF BIOMEDICAL EQUIPMENT, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**92470A - SEMESTER HOUR(S): 4**

Deactivated: 25 MAY 99

AF 0702-0008; COMPLETION DATE: JAN 89 TO PRESENT; 3 SEMESTER HOURS IN CLINICAL CHEMISTRY; 1 SEMESTER HOUR IN URINALYSIS, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**92470B - SEMESTER HOUR(S): 4**

Deactivated: 24 FEB 97

AF 0702-0009; COMPLETION DATE: MAR 91 TO PRESENT; 3 SEMESTER HOURS IN MICROBIOLOGY; 1 SEMESTER HOUR IN MYCOLOGY/PARASITOLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**92470C - SEMESTER HOUR(S): 4**

Deactivated: 30 JAN 98

AF 0702-0010; COMPLETION DATE: JUN 90 TO PRESENT; 2 SEMESTER HOURS IN HEMATOLOGY/IMMUNOHEMATOLOGY; 1 SEMESTER HOUR IN BLOOD BANKING; 1 SEMESTER HOUR IN SEROLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: NOV 91

**92650 - SEMESTER HOUR(S): 4**

Deactivated: 17 APR 96

AF 0104-0003; COMPLETION DATE: APR 89 TO PRESENT; 2 SEMESTER HOURS IN FOOD SAFETY AND SANITATION; 1 SEMESTER HOUR IN FOOD PREPARATION; 1 SEMESTER HOUR IN PRINCIPLES OF NUTRITION, UPPER-DIVISION BACCALAUREATE; EVAL: NOV 91

**92670 - SEMESTER HOUR(S): 4**

Deactivated: 19 APR 99

AF 0104-0002; COMPLETION DATE: APR 90 TO PRESENT; 2 SEMESTER HOURS IN FOOD PRODUCTION; 2 SEMESTER HOURS IN FOOD SAFETY AND SANITATION, UPPER-DIVISION BACCALAUREATE; EVAL: NOV 91

**98150 - SEMESTER HOURS: 6**

Deactivated: 15 DEC 94

AF 0701-0003; COMPLETION DATE: FEBRUARY 1985 TO PRESENT; 3 SEMESTER HOURS IN ORAL ANATOMY AND PHYSIOLOGY; 3 SEMESTER HOURS IN INSTRUMENTS OF ORAL PROPHYLAXIS; EVAL: MAY 88

**98250 - SEMESTER HOURS: 8**

Deactivated: 21 NOV 97

AF 0701-0018; COMPLETION DATE: JUNE 1985 TO PRESENT; 3 SEMESTER HOURS IN ORAL ANATOMY AND PHYSIOLOGY; 5 SEMESTER HOURS IN DENTAL LABORATORY TECHNOLOGY, LOWER-DIVISION BACCALAUREATE/ASSOCIATE DEGREE; EVAL: MAY 88

**99104-5 - SEMESTER HOURS: 4**

Deactivated

AF 1715-0763; 3 SEMESTER HOURS IN BASIC ELECTRONICS; 1 SEMESTER HOUR IN INTRODUCTION TO COMPUTER SYSTEMS, VOCATIONAL CERTIFICATE; EVAL: MAR 91

**99105-5 - SEMESTER HOURS: 3**

Deactivated

AF 1715-0762; 2 SEMESTER HOURS IN BASIC ELECTRONICS OVERVIEW; 1 SEMESTER HOUR IN INTRODUCTION TO DATA PROCESSING, VOCATIONAL CERTIFICATE; EVAL: MAR 91

**99106-5 - SEMESTER HOUR(S): 2**

Deactivated

AF 1715-0775; 1 SEMESTER HOUR IN INTRODUCTION TO COMPUTER SYSTEMS; 1 SEMESTER HOUR IN  
INTRODUCTION TO FACILITIES MANAGEMENT, VOCATIONAL CERTIFICATE; EVAL: MAR 91

### Appendix

Extension courses of potential interest to members of all military services are provided under the sponsorship of the Department of Defense. Also available to military personnel, through an interservice agreement, are courses offered by the Army, Navy, and Marine Corps. The addresses of the administering schools or agencies are given under each service listing. Each service has special procedures, eligibility requirements, and forms by which enrollment is effected; therefore, the catalog of the specific service should be checked before applying for enrollment. Personnel interested in subjects given by the DoD and other services may correspond directly with the schools, or agencies, for up-to-date information.

#### EXTENSION COURSES AVAILABLE FROM DEPARTMENT OF DEFENSE, ARMY, NAVY, AND MARINE CORPS ADMINISTERED SCHOOLS

<b>ORGANIZATION</b>	<b>COURSE</b>	<b>CATALOG/ PUBLICATION</b>	<b>ADDRESS</b>
Department of Defense	Logistics Management (for managerial personnel)	DA Pamphlet 351-20-20	Commandant Logistics Management Center Attn: DRXMC-ET-C Fort Lee, VA 23801
	School of Military Packaging Technology (SMPT)	DA Pamphlet 351-20-20	School of Military Packaging Technology Attn: AMXMC-SMPT-A Aberdeen Proving Ground MD 21005-5001
Navy	Nonresident Training Courses	NAVEDTRA 12061 www.advancement. cnet.navy.mil	Commanding Officer Naval Education and Training Professional Development Center, 6490 Saufley Field Rd Pensacola, FL 32509
	Naval Health Sciences Education and Training	www.nshspts. med. navy.mil	Head Training Documents, Code 212, HSETC NMC, NCR Bethesda, MD 20814
Naval War College	College of Naval Warfare, College of Naval Command and Staff, Naval Command College, Naval Staff Course	Brochure	President Naval War College Newport, RI 02841
MARINE CORPS: Marine Corps Institute	MOS Training Courses	Marine Corps Institute Catalog- MC10 P1550.1p	Director Marine Corps Institute Marine Barracks Box 1775 Arlington VA 22222
	The Basic School Non-Resident Program		

	Staff Noncommissioned Officers Academy Career Non-Resident Program MC Amphibious Warfare School Non-Resident Program MC Command and Staff College Non-Resident Program		
ARMY:	Army Correspondence course programs (Programs of the following 16 schools are administered by the Army Institute of Professional Development)	DA Pamphlet 351-20 series.	Army Institute for Professional Development, US Army Training Support Center Newport News VA 23628
	<b>School</b> Air Defense Armor Aviation Chaplain Engineer Field Artillery Infantry Institute of Administration Institute of Military Assistance Intelligence Military Police Missile and Munitions Ordnance Quartermaster		
	<b>Nonconsolidated Schools</b> The following schools administer their own programs: The Judge Advocate General's School	DA Pamphlet 351-20	The Judge Advocate General's School, Attn: Correspondence Course Office, Charlottesville VA 22901
	Academy of Health Sciences	DA Pamphlet 351-20 Chapter 3	Academy of Health Sciences, US Army Attn: HSHA-IEC, Ft Sam Houston TX 78234
US Army	Command and General Staff College	DA Pamphlet 351-20 USAC & GSC Non-Resident	US Command General Staff College Attn: ATZL-SWE-TM Fort

		Catalog	Leavenworth KS 66027
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Academic Advisor	CA	4254
Command Support Staff	CSS	6139
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Data Branch	DOD	4628
Student Instruction	DOI	4615
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4394		
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**	CONTAINS COPYRIGHT MATERIAL	NOT FOR SALE
***	CONTAINS "FOUO" MATERIAL	NOT FOR SALE
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00050	21	63
01900	5	8
01W01A	30	**
01W01B	25	75
01W01C	11	32
01W01D	5	13
0X203	5	9
0C203	11	15
0C221M	5	18
0C233M	5	18
0C300M	5	18
0Z100	5	9
02010	7	20
02130A	5	7
02130B	5	11
02130D	5	11
02170	5	6
021A1	28	85
02A42	6	18
046A1	28	**
06601	5	15
06608	5	**
06613	5	15
07340	5	**

07920	18	54
08100M	14	18
08100X	5	9
10023	5	8
10023G	5	8
10024	5	8
10024G	5	8
10025	5	9
10025G	5	9
10027	5	9
10027G	5	9
10028	5	7
10028G	5	7
10213	5	11
10213G	5	11
10214	5	**
10214G	5	11
10311	5	8
10311G	5	8
10312	5	**
10312G	5	7
10313	5	**
10412	5	6
10412G	5	6
10413	5	9
10413G	5	9
1A051	18	55



1A151B	25	74
1A151C	30	90
1A251	16	48
1A351A	16	***
1A351B	23	69
1A451	17	***
1A551	47	142
1C051	30	***
1C052	30	90
1C071	13	40
1C072	7	20
1C251A	11	***
1C251B	34	***
1C351	11	***
1C451	14	***
1C551	16	49
1C651A	10	29
1C651B	8	25
1N051	41	***
1N071	16	***
1S051	25	**
1T051	37	***
1T151	26	77
1T171	7	22
1T251A	48	***
1T251B	20	60
1T251C	19	58

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1W051A	19	56
1W051B	26	**
1W051C	19	56
1W051D	14	41
1W051E	13	39
1W051F	5	13
27131	6	18
27132	21	62
2A051	16	48
2A051A	8	23
2A051B	33	99
2A151	38	**
2A152A	22	***
2A152B	12	***
2A152C	8	***
2A153A	21	63
2A153F	10	31
2A154A	30	90
2A154B	33	98
2A154C	5	16
2A157A	15	44
2A157B	15	**
2A173	17	51
2A177	11	32
2A252B	38	**
2A351	19	56
2A351A	20	59

2A351B	13	39
2A351C	22	65
2A352A	19	57
2A352B	13	39
2A352C	22	66
2A352D	13	38
2A352E	20	60
2A352F	14	41
2A353	29	88
2A353A	21	64
2A353J	31	92
2A373A	23	68
2A373B	9	26
2A373J	7	21
2A451A	22	***
2A451B	10	***
2A451C	8	***
2A452A	20	59
2A452B	24	73
2A452C	10	31
2A453B	13	***
2A453C	17	***
2A551	31	94
2A552	37	111
2A553B	43	129
2A553C	21	63
2A55A1	13	38

2A55A2	12	35
2A55A3	16	47
2A55A4	14	41
2A571	8	24
2A572	18	54
2A651A	43	***
2A651B	39	***
2A652	41	***
2A653	33	98
2A654	24	71
2A655	35	104
2A656	32	97
2A671A	10	***
2A671B	6	**
2A672	14	***
2A673	5	9
2A675	5	14
2A676	6	19
2A751	43	129
2A752	25	76
2A753	37	***
2A754	28	83
2A773	5	***
2AX7X	14	43
2E051A	32	97
2E051B	25	74
2E051C	19	57

2E071	25	75
2E151	37	112
2E151B	23	68
2E152A	5	***
2E152B	41	124
2E152C	26	77
2E153A	28	**
2E153B	23	**
2E153C	19	***
2E154A	40	***
2E154B	10	31
2E154C	43	130
2E154D	21	64
2E172	16	49
2E251	12	35
2E251D	23	68
2E251E	27	80
2E451B	9	28
2E653A	21	**
2E653B	33	**
2E851B	27	**
2F051	27	82
2F071	5	14
2F071M	5	76
2G051	13	38
2G071	5	16
2M051A	9	27

2M051B	16	48
2M051C	12	37
2M052	23	70
2M053	31	***
2M071	17	51
2M072	13	**
2M073	15	45
2P051A	12	36
2P051B	24	**
2P071	19	**
2R051	23	***
2R071	12	**
2R151	17	51
2R171	8	23
2RX7X	11	32
2S051A	26	78
2S051B	20	60
2S052	23	**
2S071	11	33
2S072	5	**
2T051	23	***
2T071	18	***
2T151	12	35
2T171	10	29
2T231	23	69
2T251	26	77
2T271	14	43

2T350A	36	**
2T350B	30	**
2T351	21	62
2T352A	6	18
2T352B	6	19
2T353	18	55
2T375A	28	85
2T375B	27	81
2T452	27	**
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2W051B	20	59
2W051C	16	48
2W071	5	11
2W151A	11	32
2W151B	16	***
2W171	5	9
2W251A	22	***
2W251B	26	***
3A051A	10	30
3A051B	8	23
3A071	10	30
3C051A	16	**
3C051B	23	69
3C052	18	55
3C072	9	26
3C106	7	11
3C107	6	10

3C151	13	***
3C152	13	38
3C251A	33	**
3C351	30	***
3E051A	38	**
3E051B	31	93
3E052A	33	**
3E052B	17	**
3E052G	33	100
3E052H	17	50
3E151A	25	**
3E151B	40	119
3E151C	28	85
3E151G	25	74
3E151H	40	119
3E151I	28	85
3E251A	17	**
3E251B	21	**
3E251G	17	50
3E251H	21	63
3E351A	14	**
3E351B	27	**
3E351C	27	81
3E351G	14	41
3E351H	27	82
3E351I	27	82
3E451A	49	147



3E451B	19	**
3E451G	49	147
3E451H	19	58
3E452	40	**
3E452G	40	120
3E453A	25	**
3E453B	19	**
3E453C	23	68
3E453G	25	76
3E453H	19	57
3E453I	23	68
3E551A	40	119
3E551B	25	76
3E551G	40	119
3E551H	25	76
3E651	12	37
3E731	6	19
3E731G	6	19
3E751A	5	9
3E751E	5	6
3E751G	5	9
3E751K	5	6
3E851A	32	***
3E851B	34	***
3E851G	32	95
3E851H	34	101
3E951	34	102

3E951G	34	102
3H051M	5	75
3M051A	13	40
3M051B	13	38
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3M071B	5	11
3M071C	6	8
3M071D	6	17
3M071E	7	22
3M071F	5	7
3N051	15	**
3N051B	25	**
3N052	27	82
3P051	39	117
3P051A	13	38
3P051B	6	17
3P051C	12	35
3P051D	6	17
3P052A	14	43
3P071	30	90
3S051A	28	84
3S051B	22	67
3S052A	5	**
3S052B	7	22
3S052C	5	16
3S052D	7	22
3S171	21	62

3S200	15	44
3U071	16	47
3V051	27	**
3V052	33	**
3V053	21	**
3V071	6	**
3V072	11	33
45252B	15	44
45572B	18	53
45572C	13	38
45572D	6	19
45572E	5	14
46650B	41	***
47201	5	12
47201G	5	12
47201M	5	76
47202	5	16
47202G	5	16
47202M	5	76
47203	8	24
47203G	8	24
47205	5	6
47205G	5	6
4A051A	9	27
4A051B	13	40
4A051C	5	15
4A151	27	81

4A251A	50	**
4A251B	42	**
4B051M	6	79
4B051N	7	80
4B051O	5	75
4B051P	7	81
4C051	35	**
4D051	36	**
4E051	37	111
4F051	24	73
4F071	12	37
4J051A	21	64
4J051B	28	84
4J052A	29	86
4J052B	30	89
4J071	6	18
4J072	6	18
4M051	30	91
4N051A	14	**
4N051B	37	**
4N051M	5	79
4N151A	48	**
4N151B	35	**
4P051A	33	**
4P051B	29	**
4R051	39	**
4T051A	25	74

4T051B	38	**
4T051C	24	***
4V051	31	93
4V051A	9	27
4V071	5	**
4Y051A	33	**
4Y051B	30	**
4Y052	35	104
54250B	36	109
54272B	11	34
54550B	43	**
55151B	22	**
55250B	22	67
55252B	21	63
56651B	36	**
57170A	5	11
57170B	5	9
57170E	5	11
57170G	5	11
57170H	5	9
57170K	5	11
5J051 (paper)	19	***
5R051	20	61
5R071	12	35
6C051A	12	36
6C051B	19	56
6F051A	11	33

6F051B	16	49
6F071	5	10
70350	7	***
73470B	9	**
7S071	15	**
90250B	23	**
B6RSOM	5	**

MEMORANDUM FOR EXTENSION COURSE INSTITUTE (AFIADL/DMS)

SUBJECT: Purchase of ECI Course Materials

Request the following ECI course purchases:

ECI Course Number \_\_\_\_\_

Course Title \_\_\_\_\_

Quantity \_\_\_\_\_ Unit Price \$ \_\_\_\_\_ Total Cost \$ \_\_\_\_\_

ECI Course Number \_\_\_\_\_

Course Title \_\_\_\_\_

Quantity \_\_\_\_\_ Unit Price \$ \_\_\_\_\_ Total Cost \$ \_\_\_\_\_

ECI Course Number \_\_\_\_\_

Course Title \_\_\_\_\_

Quantity \_\_\_\_\_ Unit Price \$ \_\_\_\_\_ Total Cost \$ \_\_\_\_\_

**Total Amount Enclosed \$ \_\_\_\_\_**

(For Individual Order(s) submit a Cashier's Check or Money Order ONLY, Payable to ADSN 6671)

(For Unit Fund Order(s) submit an IMPAC Check Payable to ADSN 6671)

Ship to: \_\_\_\_\_

(Print your name and \_\_\_\_\_

address) \_\_\_\_\_

Mail request to: EXTENSION COURSE INSTITUTE (AFIADL/DMS)  
50 South Turner Blvd.  
Maxwell AFB, Gunter Annex, AL 36118-5643

\_\_\_\_\_  
(Requestor's Signature/Date)

