

Riverside Community College

**Math 65 – Arithmetic & Pre-Algebra (5 units) #45326
Spring 2009**

Preliminary Syllabus

Course Meeting Details Lecture: T TH 6:30-9:13 p.m. RXHS T8

Instructor Wil Clarke, Home Phone 951 687-4556, Office Phone 951 785-2548. Kindly don't call after 10:00 p.m. Web-page: <http://www.geocities.com/mhlubogasi>. E-mail: wil.clarke@gmail.com.

Welcome to Arithmetic and Pre-Algebra! We have many weeks of math exploration ahead of us, but first there are several pieces of information that I'd like to share with you to help you toward successful completion of this course. Please read this syllabus carefully and keep it for your reference. It is a very useful resource and it includes schedule information and homework assignments.

Required Text: *Developmental Mathematics (7th Edition)* by Bittinger/Beecher 2008 Pearson Custom Publishing, Boston

Optional Materials: MyMathLab code (for access to web-enhanced practice materials). This code may be packaged with your textbook, but it is also available on-line at www.coursecompass.com. This is also the website you will use to register for the extra practice and go to do the extra practice. The **courseID** required to register for MyMathLab access is: **whelchel84388**.

Other Recommended Materials:

- Pens, pencils and LOTS of paper
- Binder to keep notes and other materials organized for reference

No Calculators are allowed in this class. You may use a calculator to check homework problems only. However, no calculators will be allowed on exams or quizzes.

Course Description: A combination course covering the decimal system of numeration and the four basic mathematical operations as they apply to whole numbers, fractions, mixed numbers, and decimals without the use of any calculating device. Integers, factoring, geometric figures, and measurements are included. Emphasis is placed on applications to real world problems. An introduction to the notion of algebra and its uses. Includes equations and polynomials.

Course Objective: The course is designed to prepare students for the study of higher level mathematics. In addition, the many mathematical tools that you will learn in this course can be applied in the business world and everyday life. We will explore some of these applications through examples and homework problems.

Student Learning Outcomes: Upon successful completion of the course, students should be able to:

1. Apply the fundamental laws of arithmetic on whole numbers, fractions, mixed numbers, and decimals without the use of any calculating device.
2. Apply the fundamental laws of arithmetic on integers and rational numbers.
3. Solve applications using whole numbers, integers, fractions, mixed numbers, ratios and proportions, and decimals.
4. Apply percents to real world problems.
5. Convert the fundamental units of measurement within and between the U.S. and metric systems.
6. Apply the fundamental laws of algebra to simplify basic algebraic expressions and perform the four basic operations on polynomial expressions.
7. Solve linear equations and derive basic linear equations from elementary applications.
8. Use the symbols and vocabulary of arithmetic and pre-algebra to communicate mathematical concepts.

Homework: Attached is an assignment sheet. You should attempt the exercises listed there the night following their discussion. Homework must show all of your work, not just the answers. It should be turned in at the beginning of the first class period of the week. At that time you will have an opportunity to ask questions over the material you had trouble with. Homework that is more than a week late will be discounted 50%.

Keep your copies of all your homework at least until you have received your grade from the registrar's office following completion of the course. If you believe an error exists, communicate with me no later than ten days after the start of the next semester. Turning in homework that does not show your work may be regarded as plagiarism.

Quizzes: There will be weekly quizzes which will constitute 15% of your grade in the course and are designed to help prepare you for the exams. 30 minutes will be allotted for each quiz.. There may not be a quiz on the week of an exam.

Periodic Tests: There will be 4 tests covering the chapters indicated in the schedule below. Make-up tests will not be given. Students who leave the room during a test or exam will not be permitted to return while it is in progress. Use of cell phones during a test or exam is strictly forbidden under any circumstances whatsoever.

Final Exam: A score of at least 50% on the final exam is required to pass the course. It will be comprehensive. The final exam will be divided into five parts. Each of the first four parts will cover the same material as one of the periodic tests. If you do better on that portion of the final exam than you did during the periodic test I will give you the better grade for that periodic test. The fifth part will cover that part of the text that was not tested and contain a synthesis of the semester's material. **Calculators will not be allowed on the exams.** Cheating is a very serious offense, and at the very least you will receive an F for that exam.

Participation: A portion of your grade is based on your participation in class. You are encouraged to ask questions in class. Asking questions can only help your participation grade.

Attendance: The Riverside Community College Student Handbook has the following statement on attendance:

“The student is expected to attend every meeting of all classes for which he or she is registered. Attending a class without being registered is contrary to Riverside Community College District policy and cannot be used as the basis for a petition to add a class. Students who have enrolled for a class and who do not attend or who are late or absent from the first meeting of the class may forfeit their right to a place in the class. Your instructor reserves the right to administratively withdraw you from class if you do not attend class regularly. Students should know and understand the attendance policy for each class in which they are enrolled.

- While an instructor may drop a student who does not regularly attend, it is the student’s responsibility to officially drop the class if he or she stops attending.
- It is the student’s responsibility to consult with his or her instructor regarding any absences that would alter his or her status in the class.”

Attendance is expected and you should be present and on time for all classes. You are responsible for all material presented and assignments made in class. Since each class is roughly equivalent to two day’s work during the semester, it is very important that you do not miss class. Missing four days of classes will be regarded as excessive absence and may result in your failing the class. If you have to be absent for any reason, please let me know beforehand. Changes to this syllabus become effective after being announced in class, whether or not you were there to hear them. If I make changes to this syllabus, I will post the revised copy on my website.

Plagiarism You are encouraged to seek assistance from faculty or students in doing your homework. However work that is done primarily by someone else is unacceptable and may result in your failing the course. Anyone who plagiarizes will receive an “F” on that particular assignment or test and/or for the course. Turning in homework that does not show your work may be regarded as plagiarism.

Disability If you have a documented physical, psychiatric/emotional, medical, or learning disability that may impact your ability to carry out assigned course work, I urge you to contact the staff in Disabled Students Programs and Services at 222-8060 on the City Campus; 571-6138 (Moreno Valley Campus); 372-7070 (Norco). DSP&S will review your concerns and determine, with you, what accommodations are necessary and appropriate. All information and documentation is confidential. I will do my best to work with you to make this class a success for you.

Incompletes The Faculty Handbook says: “The ‘I’ grade is given only in cases in which a student is doing passing work, but is unable to complete the requirements for the course during the semester, due to an emergency in the last few weeks of school.” Falling behind in class work and/or assignments is not enough reason to consider a grade of incomplete.

Grading Scheme

Grade Distribution:		Letter grades will be assigned according to the following percentages:
Tests	55%	A = 90—100;
Final Exam	30%	B = 80—89;
Homework	10%	C = 65—79;
Participation	5%	D = 50—64;
		F = 0—49.

Outline

See attached Course Schedule

*Deadline to drop without a “W” is Mar 6.

† Deadline to drop without an “F” is May 18.

Success Strategies:

- **Come to class every session.** I recommend that you read each section before we cover it in class. It may not make complete sense at the time, but it will help when we go over it in class. Also, try to work through some of the examples before class. Basically, be prepared for class each day.
- **Work on homework on a regular basis.** Pay attention to when assignments are due and manage your time accordingly. Don't wait until the last minute to complete the assignments. Expect to spend at least 10 hours per week outside of class working on homework assignments. Don't get behind!!!
- **Course Pace.** We will cover an average of 2 sections of material per day of class. This will be a fast pace. If you feel that you aren't keeping up, please contact me. We can try to work out the problem.
- **The Math Learning Center** is a great resource for you in which to get help with the material as well as get help with MyMathLab registration, etc. In order to access the Math Learning Center, you must enroll in either Math 96 (1/2 unit = 27 hours) or Math 97 (1 unit=54 hours). The Math Learning Center is located in MLK 305 (Martin Luther King Building – third floor) and can be contacted at (951) 222-8000 X4100.
- **Tutorial Services** is another great resource for help. They provide appointment tutoring for free. They are located in DL 112 (Digital Library – 1st floor) and can be contacted at (951) 222-8170 X8169.