

# MATHEMATICS 57 - BASIC MATHEMATICS (4 units)

Section MATH 57 - 71

Spring 2008 – Off-Line Distance Learning

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## Catalog Description:

This course is designed to teach and reinforce basic proficiency in the basic ideas and skills of arithmetic. The course also presents topics needed by the students for further work in mathematics, as well as in everyday life.

## Goals:

Math 57 will introduce the concepts of arithmetic and will cover Chapters 1 to 6 in the text. The course is self-paced and lectures are available via videotape. The text/workbook is excellent and provides abundant examples that will allow the student to determine which areas he/she needs instructor or tutorial help. At the successful completion of this class the student will have a good working knowledge of basic arithmetic principles and be ready to take Math 56. **If you are planning to take additional math classes, you should plan and work to get an “A” or “B” in Math 57 in order to be ready for Math 56.** If you have to take Math 57 a second time in order to be ready for Math 56, go ahead and take it over. That’s better than failing Math 56. Your success in future math classes depends on you learning all the concepts presented in this class.

## Text and Suggested Aids:

Required materials:

1. Have the text “Essential Mathematics, 2<sup>nd</sup> edition  
Margaret L. Lial, American River College  
Stanley A. Salzman, American River College  
ISBN 0-321-37133-X / Addison Wesley Higher Education

Other materials available:

1. A tutorial program is available in the LRC and at TCI.

2. Videos of the lectures are available in the LRC or at the TCI Education Department. These are good and are available on CD-ROM if you have computer access. They may be purchased in CD-ROM format in the TC student store.
3. Tutors are available in the LRC and at TCI as needed.
4. The instructor is available via email and other times you schedule with him. **You don't have to do this on your own.**
5. **The most valuable resource you have is time. Unless you already have a good background in math, expect to spend at least 10 to 15 hours a week on mastering this subject. It is critical that you get an "A" if you plan to take Math 56 and Math 50 or Bus 50.**

### **Attendance Policy:**

Students should attend an orientation session with the instructor on Monday January 28, 2008 at 5:00 PM in Mod A. E-mail the instructor at [rmaier@taft.org](mailto:rmaier@taft.org) to confirm attendance. All work (homework, tests, and any approved re-tests) must be completed and turned in by May 28, 2008. The final must be taken by May 29, 2008. Unless other arrangements are made, the tests and the final will be taken in the LRC or at the scheduled test proctoring times at TCI. Students may be dropped from the class if they are not making "continuing progress" in the class. **"Continuing Progress" is defined as maintaining contact with the Instructor and taking the chapter tests no later than the last day scheduled.** That schedule is attached. Work on this class every day. Continuous work is necessary for success!

### **Grade Policy:**

Grading will be according to the following breakdown:

100% - 90%	A	
89% - 80%	B	
79% - 70%	C	
69% - 60%	D	
Below 60%	F	
FINAL	20%	(200 points)
TESTS	65%	(600 points)
HOMEWORK	15%	(120 points)

### **Schedule:**

When the studies and homework for each chapter are completed, schedule your test with the LRC staff or the TCI proctors at TCI. **See the attached test schedule.** Note there is a **"LAST DAY TO TAKE THE TEST"**. If you have not completed your test by the **"LAST DAY TO TAKE THE TEST"** you will receive a zero on that test unless the delay was approved **BEFORE-HAND** by the Instructor. You may move forward in this course as quickly as you would like. However, the Final Exam can only be taken during the last week of the semester. But, you must be completed by the end of the semester.

## Math 57-71 Distance Learning Spring 2008

<b>Section-71</b>	<b>Test Schedule</b>	<b>Last day for test</b>
<b>Orientation</b>	<b>1-28-2008 (5 PM)</b>	
Chapter 1	Week of 2-4-2008	2-14-2008
Chapter 2	Week of 2-25-2008	3-7-2008
Chapter 3	Week of 3-10-2008	3-28-2008
Chapter 4	Week of 3-31-2008	4-11-2008
Chapter 5	Week of 4-21-2008	5-2-2008
Chapter 6	Week of 5-12-2008	5-23-2008
<b>FINAL EXAM</b>	<b>Week of 5-27-2008</b>	<b>Last Day 5-29-2008</b>

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### **Homework:**

1. Every odd problem in each section in the text,
2. Every problem in the review exercises at the end of each chapter,
3. Every problem in the practice chapter test and
4. Every problem in the cumulative review from the end of each chapter.

You should have 100% on all homework before you hand it in. This will demonstrate that you have mastered the concepts and are ready for the chapter test. On the practice test, all the answers are in the back of the book. Grade your practice test! If you don't get a very good score on the practice test, you are not ready for the real chapter test. Study some more and re-take the practice test. Have all your questions answered before the chapter test is taken. Use your tutors or the Instructor to answer your questions. The cumulative review at the end of each chapter will assure that you don't forget the skills you learned in the previous chapters. The cumulative reviews will help you pass the final and master the course material. Homework is due **when you take the tests**. Turn it in when you get the test.

**Note: Credit will not be given on the homework unless all work is shown.**

### **Test Procedures:**

Unless other arrangements are made with the instructor, tests will be taken in the LRC or at the scheduled TC proctoring times at TCI at the completion of each Chapter. **Hand in all homework when you take the test.** You will have 1.5 hours for each chapter test. See the attached test schedule. Calculators will not be allowed while taking tests.

**Note: No credit will be given unless all work is shown.**

Two chapter tests may be retaken with permission of the Instructor. Retests will be available after all chapter tests are taken and prior to the final. The last day for the final is May 16, 2008. Tutoring will be required before a test can be retaken. No more than two tests can be retaken. Four hours of tutoring will be required to retake the first test and four additional hours of tutoring will be required to retake the second. The new test grade will replace the first test grade.

**Weekly Contact:**

Since this is a distance learning class, and not an online class, weekly contact can be difficult. Therefore, weekly contact is recommended between the student and the instructor. The purpose is to let the instructor gauge how you are doing and where help is needed. Students are encouraged to contact the instructor weekly with a progress report. This report may be by e-mail, US mail, face-to-face, or by Student / Instructor Contact forms from TCI.

**Grade Report:**

The progress of the class will be available on the TC Math 57 website and at the following website: [www.eclassinfo.com](http://www.eclassinfo.com) at all times and will be updated weekly. Please check for progress on the website. The student's last four digits of their social security number are used for the password and student ID number. If you would like a different password, please contact the instructor.