

DEPARTMENT OF MATHEMATICS  
STUDENT SYLLABUS  
MAC 1140 sec. 1-14  
SPRING 2012

MWF Lecture at 12:20 pm or 1:25 pm in 101CAR  
Thursday Lab Classes in 104 or 105HTL

**INSTRUCTOR:** Dr. Mary Kutter

**OFFICE:** 111 MCH (enter thru 115MCH)

**e-mail:** kutter@math.fsu.edu

**OFFICE HOURS:** M 10 – 11 am, T 1 – 2 pm, W 9 – 10 am and 2:30 – 3:30 pm, and F 10 - 11 am, or by appointment.

**ELIGIBILITY:** You will be deemed eligible for this course if (1) you have credit for MAC 1102 or MAC 1105 (or an equivalent course in College Algebra) with a grade of C- or better, or (2) you have scored in AMP Group A3 or higher, or (3) you scored 600 or higher on the quantitative SAT test or 26 or higher on the math ACT test. It is the student's responsibility to check and prove eligibility. Ineligible students will not be allowed to take this course. Advisement assistance is available in 222 LOV.

**ATTENDANCE:** Students whose names do not appear on the class roll cannot attend classes. Students are expected to attend classes, and students with excessive (excused or unexcused) absences will not be given a passing grade or a grade of I.

**REFERENCE TEXT:** Precalculus Enhanced with Graphing Utilities – Special Edition for FSU's MAC 1105/1140 by Sullivan & Sullivan

**REFERENCE NOTES:** On-line course notes at <http://www.math.fsu.edu/~stiles/ssfiles>. (Login: ssfiles; pw: stiles)

**CALCULATOR POLICY:** Calculators may not be used on any tests. Any person using a hand-held calculator or a computer calculator on a test/quiz will be given a grade of zero on the test/quiz. A graphing calculator might be helpful for checking homework problems.

**AMERICAN DISABILITIES ACT:** Within the first week of classes, students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); and 2) bring a letter to their instructor from SDRC indicating the need for accommodation and what type. Each student must meet with his/her lecturer to discuss his/her particular situation and the available testing options. Accommodations will be provided within one week of that meeting. The eGrade software used in this course is not fully accessible for students with visual impairments. Visually impaired students are referred to the SDRC for interim accommodations. This departmental syllabus and instructor written class materials can be made available in alternative format upon request. For more information about services available to FSU students with disabilities, contact the: Student Disability Resource Center, 874 Traditions Way, 108 Student Services Building, Florida State University, Tallahassee, FL 32306- 4167 (850) 644-9566 (voice); (850) 644-8504 (TDD); [sdrc@admin.fsu.edu](mailto:sdrc@admin.fsu.edu) <http://www.disabilitycenter.fsu.edu/>

## INTERNET ADDRESSES:

<http://www.math.fsu.edu/~kutter>

(instructor's home page)

<http://www.math.fsu.edu/~kutter/1140>

(course homepage)

<http://einstein.math.fsu.edu:8140>

(practice tests)

<http://www.math.fsu.edu/~stiles/ssfiles>

(course notes)

<http://www.math.fsu.edu/~basicmath>

(useful information)

## COURSE CONTENT:

Unit I: 3.1-3.8; 4.1-4.4

Unit II: 4.5-4.7; 9.1-9.4,10.1

Unit III: 10.2-10.5; 11.1-11.3

Unit IV: 11.4-11.5

**TEST#1: Thursday, February 9 (Unit I)**

**TEST#2: Thursday, March 15 (Unit II)**

**TEST#3: Thursday, April 12 (Unit III)**

**All unit tests will be given in the assigned lab classes on the date indicated. It is not possible to take your test with another lab class even on a one-time basis.**

**FINAL EXAM:** (Covers Unit I - IV) Computerized final exams will be taken during the week of April 23-rd. **Students must register on line for exam times and locations.** Further information is given below.

**COURSE OBJECTIVES:** This course is intended to give students important mathematical background needed for the study of more advanced courses in mathematics, engineering, and computer science.

**PRACTICE TESTS:** Practice tests are available over the Internet at the following URL: <http://einstein.math.fsu.edu:8140>. The questions on the in-class unit tests will be very similar to questions on the on-line practice tests. **Working on-line practice problems is very important.**

**UNIVERSITY ATTENDANCE POLICY:** Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

**TEST/QUIZ POLICIES:** **No makeup tests or early tests or quizzes will be given.** A test absence or quiz absence will be excused only if the student presents sufficient verifiable evidence of acceptable, extenuating, unavoidable circumstances. **An acceptable medical excuse must state explicitly that the holder should be excused from class.** Students missing class because of a family death must show evidence of the death and evidence of the relationship to the deceased. Students will not be given excused absences to attend family functions or non-university activities.

If a test absence is excused, then the final exam grade will be used for the missed test grade. The final-exam grade minus a penalty will be used for an unexcused test grade.

If a quiz absence is excused, then no grade will be assigned to the missed quiz. A grade of zero will be assigned for an unexcused quiz grade.

No quiz or test grades will be dropped.  
Students must bring FSU ID cards to all tests.

**GRADING:** There will be three unit tests, a cumulative final examination, and several short quizzes. Numerical course grades will be determined by the larger of Av1 and Av2 where  $Av1 = (5U+Q+4E)/10$ ,  $Av2 = (4U+Q+5E)/10$ , U = test average =  $(T1+T2+T3)/3$ , Q = quiz average, E = final exam grade. Letter grades will be determined from rounded numerical grades as follows. A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 0-59. Plus/Minus grades will be assigned to high/low numerical grades; for example, 77.5 - 79.4 would be a C+, 69.5 – 72.4 would be a C-; analogous +/- grades would be assigned to other numerical grades.

**TUTORING FOR MATH:** Tutoring is available for this course via ACE Tutoring at the Learning Studio in the William Johnston Building. Appointments may be made, and drop-ins are welcome for one-on-one and group tutoring. Please contact the ACE Learning Studio at [tutor@fsu.edu](mailto:tutor@fsu.edu), 850-645-9151, or find more information at <http://ace.fsu.edu/tutoring>.

**ACADEMIC DISHONESTY:** The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to “. . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University.” (Florida State University Academic Honor Policy, found at <http://dof.fsu.edu/honorpolicy.htm>.)

The academic honor system is followed strictly. Students possessing unauthorized notes, using prohibited calculators, or giving/receiving unauthorized assistance on an exam will be dealt with according to FSU Honor Code policy.

**COMPREHENSIVE FINAL EXAM:** The Final Exam is comprehensive. Your Final Exam might not be scheduled in your lab classroom, but will be given in one of the four computer equipped classrooms in HTL or in 107 MCH. The Final Exam will be given M-F of Exam Week (April 23-27). You will register, on-line, for a final exam time. Exam Registration will open at 7 a.m. on Wednesday March 21. You must schedule an exam time before 12:00 noon on Wednesday April 11. During this 3 week period, you will be able to change your exam time, depending on available times. You must check your exam schedule carefully. After final exam registration closes, changes, without penalty, will be made only for conflicts that involve documented changes in the exam schedule for your other classes. That is, changes will be made only if an instructor in one of your classes changes the time of the final exam from that given in the Directory of Classes, and this change conflicts with your selected MAC 1140 exam time. A 15% penalty will be imposed on your exam for any other changes made after registration closes; this includes students who fail to register before the deadline, changes in travel, or because of airline ticket purchases. The link for the on-line registration will be at the URL given below. This URL will not open until 7:00 a.m. on March 21.  
<https://www.math.fsu.edu/secure/bellenot/mac1105/exam/>

**SYLLABUS CHANGE POLICY:** Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.

**ADDITIONAL INFORMATION ABOUT MAC1140 sec. 1 - 14**

**Lab Class** meets in a computer equipped classroom, **104 or 105 HTL**, each **Thursday** at the time assigned for your section, as listed below:

|              |                |                |               |               |                |                |               |
|--------------|----------------|----------------|---------------|---------------|----------------|----------------|---------------|
| Section      | 1              | 2              | 3             | 4             | 5              | 6              | 7             |
| Meeting Time | 8:00 – 8:50 AM | 8:00 – 8:50 AM | 9:30-10:20 AM | 9:30-10:20 AM | 11:00-11:50 AM | 11:00-11:50 AM | 12:30-1:20 PM |
| Room         | 104 HTL        | 105 HTL        | 104 HTL       | 105 HTL       | 104 HTL        | 105 HTL        | 104 HTL       |

|              |               |             |             |                |                |                |                |
|--------------|---------------|-------------|-------------|----------------|----------------|----------------|----------------|
| Section      | 8             | 9           | 10          | 11             | 12             | 13             | 14             |
| Meeting Time | 12:30-1:20 PM | 2 – 2:50 PM | 2 – 2:50 PM | 3:35 – 4:25 PM | 3:35 – 4:25 PM | 5:15 – 6:05 PM | 5:15 – 6:05 PM |
| Room         | 105 HTL       | 104 HTL     | 105 HTL     | 104 HTL        | 105 HTL        | 104 HTL        | 105 HTL        |

Lab Proctor(s): \_\_\_\_\_

The first meeting of your lab class will be **Thursday, January 12.**

**Important:** *You must attend the lab section for which you are registered. You may change sections only during DROP/ADD.*

**Lecture:** At this time, I will present new material, examples and will take questions on homework problems. In order to prepare for lectures, do the assigned homework from the section(s) covered in the previous lecture. Doing homework problems and keeping up with the material is an important part of any mathematics course. No homework will be collected.

An i>Clicker will be required for lecture attendance records and quizzes. **Please Note:** **You may be eligible for an i>Clicker rebate – save your receipt.** For more information on **i>Clicker registration and use**, click the appropriate links in the blackboard class or on my home page at [www.math.fsu.edu/~kutter](http://www.math.fsu.edu/~kutter)

**Lab Class:** **All Unit Tests will be given in Lab Class. On Thursdays in which no Unit Test is scheduled, a quiz will be given.**

Quizzes and Tests in recitation will be given using **eGrade**. For more information on **eGrade**, click the **“Homework”** button in the blackboard class.

Material covered on weekly quizzes is tentative. Check the weekly on-line **“Practice for Lab Class”** quiz for the specific topics covered before each recitation quiz.

**TEST DATES ARE NOT SUBJECT TO CHANGE.**

| <u>Date/Quiz covers</u> | <u>Date/Quiz covers</u> | <u>Date/Quiz covers</u> |
|-------------------------|-------------------------|-------------------------|
| 1/12 3.1-3.3            | 2/16 4.5 – 4.6          | 3/22 10.2-10.3          |
| 1/19 3.4 -3.5           | 2/23 4.7, 9.2           | 3/29 10.4-10.5          |
| 1/26 3.5 - 3.8          | 3/1 9.3 - 9.4           | 4/5 11.1-11.2           |
| 2/2 4.1-4.3             | <b>3/15 Test 2</b>      | <b>4/12 Test 3</b>      |
| <b>2/9 Test 1</b>       |                         | 4/19 11.4-11.5          |

**FSU ID and sharpened pencils are needed for all tests and quizzes.**

**CALCULATORS WILL NOT BE ALLOWED ON TESTS OR QUIZZES.**

**Registration for the Final Exam will begin on Wed., March 21. (See course syllabus.)**