Instructor: Douglas Pfeffer  Office: LIT 433  Office Hours: M2, T3, Th5  Email: d.pfeffer@ufl.edu

**COURSE CONTENT:** College algebra, functions, coordinate geometry, exponential and logarithmic functions, and trigonometry. This fast-paced course is designed as a review of algebra and trigonometry to prepare the student for calculus, in particular, MAC2311 Calculus 1 for engineering and science majors.

A minimum grade of C (not C-) in MAC1147 satisfies four hours of the general education requirement and also satisfies the pure math portion of the state Writing/Math requirement. Note: A student can receive at most four credits for taking both MAC1147, and MAC1140 or MAC1114, and at most five credit hours for taking MAC1147, MAC1140, and MAC1114. Students who successfully complete this course (C or better) can advance directly to MAC2311, Analytical Geometry and Calculus 1.

Students who desire a slower pace may take MAC1140 Precalculus Algebra followed by MAC1114 Trigonometry. The sequence of both MAC1140 and MAC1114 covers the same material and uses the same text as the one semester, faster paced course, MAC1147, Precalculus Algebra and Trigonometry.

Students taking this course for general education credit or the pure math portion of the Writing/Math requirement, and who do not need precalculus for their major or as preparation for calculus, might consider taking MGF1106, MGF1107, or MAC1105. For more information on math courses and math advisors go to http://www.math.ufl.edu.

**PREREQUISITES:** This course assumes prior knowledge of intermediate algebra (Algebra 2) and trigonometry. Students should be able to do arithmetic without a calculator.

**REQUIRED MATERIALS:** Access (either the e-book or a hardcopy) to the textbook Precalculus, 9th edition, by Larson is required. The solutions manual is NOT required, though it may be useful as a study aid.

**E-LEARNING SAKAI:** E-Learning Sakai, a free UF tool, is located at [http://lss.at.ufl.edu](http://lss.at.ufl.edu). Use your Gatorlink name and password to login. This is where you can find your grades. You are responsible for verifying that your grades are accurate. **You have one week after a score has been posted or the graded paper is handed back to contact me if you believe there has been a grading or a recording error.**

**STUDENTS WITH DISABILITIES:** Students requesting classroom accommodation must first register with the Disability Resource Center. The DOS will provide documentation to the student who must then provide this documentation to the course instructor, Mr. Pfeffer, Little 422, when requesting accommodation.

**ACADEMIC HONESTY GUIDELINES:** All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust, and respect. Students are expected to pursue knowledge with integrity. Exhibiting honesty in academic pursuits and reporting violations of the Academic Honesty Guidelines will encourage others to act with integrity. Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in paragraph XIV of the Student Code of Conduct. The conduct set forth hereinafter constitutes a violation of the Academic Honesty Guidelines (University of Florida Rule 6C1-4.017).
**COURSE GRADE:** The course grade will comprise of the following (summing to 100%.)

- 10 Home works 20%
- Test 1 20%
- Test 2 20%
- Test 3 20%
- Cumulative Final 20%

Grades will be assigned in the following manner;
A, 90% or above; B, 80% up to 90%; C, 70% up to 80%; D, 60% up to 70%; E, below 60%.

**BOOK HOMEWORK:** You will be given a list of suggested homework problems associated with each in-class lecture (and hence, each section of the book.) These problems will not be collected. However, it is strongly suggested for you to complete them all. These questions will be your opportunity to verify your understanding and identify any questions you may have about the material. It is imperative that you complete as much of these homework problems as possible. Successful students are generally those who do their homework. Please note that the use of a calculator should never be required on any homework problem.

**COLLECTED HOMEWORK:** Every Tuesday, at the end of class, I will give the class a homework assignment that will be due the beginning next class period (Thursday.) Calculators are not permitted and every student must turn in their own individual work.

**MAKE-UP POLICY:**

i) **Make-up - Exams:** If you know ahead of time that you will miss an exam, please let me know a minimum of 1 week prior to the exam. It is YOUR responsibility to inform me. If you miss an exam and have not notified me than you must have documentation for your absence.

ii) **Make-up – Homework:** There are no makeups for homework. There will be 11 assignments given and only the top 10 count. Thus you are allotted a single absence.

**INCOMPLETE:** A grade of I (incomplete) will be considered only if you meet the Math Department criteria which is found at [www.math.ufl.edu](http://www.math.ufl.edu). If you meet the criteria you must see Mr. Pfeffer before finals week to be considered for an I. An I only allows you to make up your incomplete work, not redo your work.