

Honors Calculus I – MAC 2311

Instructor:	Professor Janet Peterson 488 Dirac Science Library, 644-1970 peterson@scs.fsu.edu
Office Hours:	M 12:15-1:00; T,Th 10-10:50 other times by appointment
Text:	<i>Calculus with Early Transcendentals</i> , 6th Edition, James Stewart
Class:	M: 11:15-12:05, T TH: 11:00 - 12:15 102 Love
Website:	http:// www.scs.fsu.edu /~peterson

Content & Objections: The goal of this course is to introduce the student to the concepts of differential and integral calculus and their inter-relationship. Upon completion of the course, students should be able to understand the analytical, physical and graphical interpretations of the derivative and integral as well as be able to differentiate and integrate many functions. For functions which are represented graphically or by tables of numbers, students should be able to obtain approximations for the derivative or integral. Applications of both the derivative and integral will be explored. Since this is an Honors course, the pace will be a bit faster than a regular Calculus I class, more theory will be presented and projects will be given to hopefully enhance the student's appreciation of the material.

Grading Policy: Your grade for the semester will be based on weekly quizzes (10%), four one-hour exams (15% each), a final exam (20%) and projects (10%). The standard grading scale of 90–100 for the *A* range, 80–89 for the *B* range, 70–79 for the *C* range, 60–69 for the *D* range, below 60 for the *F* range will be used. Plus or minus adjustments will be added.

Makeup Policy: There will be NO makeups on quizzes. You will only keep your top ten quiz scores, so if you miss a quiz this will be one you drop. Makeups on hour exams will be given if (i) approval prior to the exam is granted by the instructor or (ii) you have valid documentation (such as a doctor's note) indicating why you were unable to attend the exam.

Prerequisites: Prerequisites for this course include algebra and trigonometry. If you do not meet these requirements, please see the instructor.

Announcements: Periodically during the semester I will be posting reminders, updates, corrections, etc. to the class. Please check the ANNOUNCEMENTS link on the class webpage.

Honor Code: A copy of the University Academic Honor Code can be found in the current Student Handbook. You are bound by this in all of your academic work. It is based on the premise that each student has the responsibility 1) to uphold the highest standards of academic integrity in the student's own work, 2) to refuse to tolerate violations of academic integrity in the University community, and 3) to foster a high sense of integrity and social responsibility on the part of the University community. On out of class assignments you are encouraged to work together but plagiarizing the work of others is academically dishonest.

ADA: Students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); 2) bring a letter to the instructor from SDRC indicating you need academic accommodations. This should be done within the first week of class.