The purpose of this course is to introduce students to more advanced topics in the calculus and some of their applications. The material in this course should be mastered before the student proceeds to courses for which it is a prerequisite. Prerequisite: MAC 2312

The course grade will be determined by quizzes, three (or four) examinations, and one final examination. The weighting of each component is given below:

- Quizzes (average): 40%
- Tests (average): 60%

The quizzes will be given at the beginning of class most Thursdays and will last about 10-20 minutes. The questions will be essentially the same as those in the homework or those worked in class. Two quizzes will be dropped, hence no make-up quizzes will be given for any reason.

Midterms will be given in the class and will last for the entire period. I will announce upcoming quizzes at least one week prior to the exam date. Make-up exams will only be given with a written doctors note or with approval from the dean and myself.

Final exam: No make-up exams will be given. The final is scheduled for Friday April 30 from 7:30-9:30 a.m. You must contact me immediately if you have a conflict. The room will be announced. **Completion of the final is required in order to pass the class.**

Letter grades will be determined from numerical grades as follows: A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 0-59. Plus or minus grades may be assigned in a manner consistent with standard University practice. A grade of I will not be given to avoid a grade of F or to give additional study time. Failure to process a course drop will result in a course grade of F.

The course will cover Chapters 12–16 of the text.

I will assign homework on a more or less daily basis. We will spend a few minutes of each class answering questions from the homework and previous lectures.

You should plan on spending 2-3 hours working on this course outside of class for every hour of lecture. A portion of that time should be spent reading the section that will be covered during the next class period.

Basic four-function calculators are allowed. No graphing calculators are allowed during the examinations and quizzes.
- The Math Help Center is located in 110 MCH (Milton Carothers Hall) next door to the Love Building. The hours of operation will be posted there when they are available.

- Please feel free to contact me by e-mail, phone, after class, before class or during office hours.

- HONOR CODE. The Academic Honor System of The Florida State University 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. Please note that violations of this Academic Honor System will not be tolerated in this class. Specifically, incidents of plagiarism of any type or referring to any unauthorized material during examinations will be rigorously pursued by this instructor. Before submitting any work for this class, please read the “Academic Honor System” in its entirety (as found in the FSU General Bulletin and in the FSU Student Handbook and ask the instructor to clarify any of its expectations that you do no understand.

- AMERICAN DISABILITIES ACT. 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.