MATH 2262   **Calculus**   **Spring 2013**
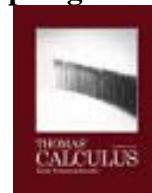**Text**: *Calculus-Early Transcendentals* (12th edition)*,* by Thomas

Instructor: Dr. D. W. Boyd   **Office**: Nevins Hall 2107
Phone: 333-5788   **email**: dboyd@valdosta.edu
Hours: 10:00-11:00 a.m. MW or by appointment
Prerequisite: MATH 2261 (Calculus I) with a grade of C or better
Enrollment in this course obligates the student not only for prompt completion of all work assigned, but also for punctual and regular attendance. The student has the responsibility for keeping informed concerning all assignments made. Absence does not absolve the student from this responsibility. Absence from more than 10% of the class meetings [6 class meetings] during the semester is considered excessive, and will result in a grade penalty. Absence from more than 20% of the class meetings [6 class meetings] will result in a failure in the course.

LEARNING GOALS

In this course the student will learn the methods and applications of differential calculus and the motivation for the integral calculus.

- Students will demonstrate mathematical proficiency by analyzing a variety of functions and solving various equations. (Area A2)
- Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems. (Area D)
- Students will identify, evaluate, and apply appropriate models, concepts, or principles to issues, and they will produce viable solutions or make relevant inferences. (Critical Thinking)

GRADING CRITERIA: 4 to 5 tests   400-500 points
                               Homework, quizzes   100 points
                               Final Exam   200 points

GRADING SCALE(percentage): 90 -100: A, 80 – 89: B, 70 – 79: C, 60 – 69: D, 0 – 59: F

- All students **MUST** take all tests. Makeups for missed tests will <u>NOT</u> be given. If you miss a test, the final exam will count in its place. A second missed test will be scored as a <u>zero</u>. A missed test counts as an absence.
- There will be NO make-up quizzes given. A grade of zero will be assigned for quizzes missed due to an unexcused absence.
- Most learning should take place outside of class -- homework assignments are for your benefit. Your assignment includes reading the material in the text before the class in which it is to be discussed. You should plan to use a couple of hours each day outside of class to work on this course.
- Get a study buddy or a study group. If you need help, get it! Tutoring is available in the Student Success Center in Langdale Hall. I am available during office hours or you can schedule an appointment with me.

Topics to be covered include, but are not limited to:
- Applications of integration, techniques of integration, infinite sequences and series.

ACADEMIC DISHONESTY

We all know what cheating is. Don't do it! Cheating on tests and/or a final examination can result in total dismissal from VSU. Any talking during tests will be considered a form of cheating.

PROFESSIONAL CONDUCT

- Come to class every time it is scheduled, be on time, and do not leave early.
- Bring a TI-83 calculator, textbook, papers, and pencils to every class meeting.
- Turn in assignments and other materials on time.
- Do not pack up your books early.
- Stay on task – learning mathematics.
- Be prepared.
- **Do NOT cheat**. We all know what cheating is – don't do it! Procedures for academic dishonesty will be followed if work presented as your own is not actually your own work.
- Through your actions and words, display that the work you are doing is important.
- Be courteous to and respectful of others. All students have the right to hear in class lectures, so do NOT converse privately during class lectures. Turn off all electronic communication devices.
- Clean up after yourself.
- Demonstrate a positive attitude.

Special Services: Students requiring classroom accommodations or modifications because of a documented disability should contact the Access Office for Students with Disabilities located in Farber Hall. Phone numbers: (229)245-2498 (voice) (229)219-1348 (tty).