# MATH 250
# Calculus III
# Fall 2001

**Instructor:** Dr. Marcus A. Agustin

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**Office Hours:** 2:30 - 4:00 TR, or **by appointment**

**Textbook:** *Calculus*, Eight Edition by D. Verberg, E. Purcell and S. Rigdon

**Prerequisite:** MATH 152 (Calculus II)

**Course Description:** This course completes the Calculus sequence that is expected of students in the engineering and mathematical sciences. The topics that will be discussed include vector-valued functions; calculus of several variables; multiple and iterated integrals; and the theorems of Green, Stokes and Gauss. The mathematical software Mathematica will be used to supplement the instruction.

**Course Requirements:** There will be two in-class exams to be given on February 19 and April 11. There will be six in-class quizzes to be given on the following dates: January 17, January 31, February 14, March 5, March 26, and April 4. A comprehensive final exam will be given on the regularly scheduled time during finals week. There will be lab exercises due at the end of each lab session. Homework problems from the textbook will be assigned at the end of each class meeting. These problems will not be turned in. However, depending on the need of the class, problem sets will be assigned and be turned in for credit.

**Lab Requirements:** You are expected to attend and participate in all lab activities. At the end of each lab meeting, you are expected to hand-in the exercise. The teaching assistant for the lab is Nicole Munden and her office is in SL 0317. You can call 2382 to leave a message for her. The lab meetings are on the Tuesdays of the even-numbered week.

**Attendance and Make-up Policy** I will not check attendance but you are expected (read as "required") to be in class **all** of the time. You will be responsible for any material(s) that you missed. Make-up exams and/or quizzes will be given only when

accompanied by a valid excuse. Proper documentation should be presented and I should be notified in advance (either by phone, email or in person). Make-up exams and/or quizzes will be given at my discretion. Late problem sets and lab exercises will **not** be accepted.

**Grading Policy:** Your final grade in this course will be determined as follows:

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|---|---|---|
| Quizzes and Problem Sets | − | 100 points |
| Lab Exercises | − | 100 points |
| Two Exams | − | 200 points |
| Comprehensive Final Exam | − | 100 points |

The straight scale will be used in assigning your final grade, i. e., $90\% - 100\%$ is A, $80\% - 89\%$ is B, etc.

**Academic Integrity: All** submitted materials should reflect your **own** work. Any student caught cheating is subject to a grade of **F** and will be dealt with accordingly.

**Tips for Succeeding in MATH 250:**

1. The office hours are for **you**. You are **encouraged and expected** to get help as soon as possible.

2. Do not hesitate to ask questions whether in-class or outside class.

3. **Read the textbook.**

4. Participate in class discussions. Remember, **Mathematics is not a spectator sport.**

5. Keep a positive attitude and try to have fun!