

## MATH 2110 Calculus III Fall Semester 2013

### Instructor:

Dr. Michele L. Joyner  
Mathematics and Statistics Department  
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Office hours: T: 10-11; F: 8:15-9:15; other times by appointment.

### Meeting Place & Time:

M, W, F 12:35-1:30: Warf-Pickel Hall 308  
T 11:15-12:35: Warf-Pickel Hall 308

### Course Description:

This course is an introduction to the calculus of functions of several variables, including limits, differentiation and integration, basic vector analysis and a brief exploration of Newtonian Mechanics.

### Textbook:

Thomas' Calculus, Early Transcendentals, revised by Maurice D. Weir and Joel Hass, 12th edition, Pearson, Addison-Wesley, 2009.

### Prerequisites:

Math 1920 (Calculus II). This means you have satisfactorily passed the course AND have a retained working knowledge of the key concepts.

### Requirements and Grading:

- ◆ **Exams:** There will be three 1-hour tests worth 100 points each. Below are the tentative test dates:
  - Test 1: Tuesday, September 24
  - Test 2: Tuesday, October 22
  - Test 3: Tuesday, November 19
- ◆ **Final Exam:** There will be one comprehensive final exam worth 100 points.  
Final Exam: Wednesday, December 11, 1:20-3:20 p.m.
- ◆ **Homework:** This is an important part of the course. These are problems from the textbook listed beside each section. Practice is extremely important for your success in this class. You should try to work as many of the listed problems as possible before the next class period. Approximately 10 minutes at the beginning of class will be set aside for you to ask questions regarding the textbook homework assignments. It is extremely beneficial for you to have tried the problems in order to know which topics you are having difficulty with. Also note that the quiz questions (see below) will come directly from homework problems.
- ◆ **Quizzes:** There will be several quizzes given throughout the semester. Most of the quizzes will be announced; however, be aware that there *may be* some unannounced quizzes. The quiz will be graded out of a possible 10 points. The quizzes will come directly from assigned practice homework. (The lowest quiz grade will be dropped.)
- ◆ **Group work:** Tuesdays are set aside to practice the material you have learned. You will be given a good portion of the class on Tuesday to complete the group work. The work not completed during class will be sent home to be completed by Friday and will be graded out of a possible 10 points
- ◆ **Grading:** My grading scale is straightforward.
  - Quizzes/Group work: 20% (one quiz grade will be dropped)
  - Tests: 20% each (the lowest test grade may be replaced by the final exam grade if higher)
  - Final Exam: 20%

The final letter grade will be determined by the following scale:

A (93 and above), A- (90-92), B+ (87-89), B (83-86), B- (80-82), C+ (77-79), C (73-76), C- (70-72), D+ (67-69), D (60-66), F (below 60).

### Make-ups:

It is expected that you take each test on the scheduled date at the time of your class. Make-up tests will only be given at my discretion. I understand that there will be instances in which "life happens". In these rare cases, you must notify me **before** the test time (if possible) and **have a documented excuse**. By the way, "I am not ready" is NOT a valid excuse. Projects are due on the assigned day with the penalties above for any late assignments.

### Attendance Policy:

Students are expected to attend every class. Missing quizzes or group work will result in a 0 for that grade. At the end of the semester, I use attendance to determine "borderline" grades.

**University Withdrawal:**

The last day to withdraw with a grade of W is **October 21, 2013**. The grade of W may affect your scholarship or financial aid, so make sure to check on this before withdrawing.

**Disabilities:**

Any student with a special need for an accommodation in course activities should make arrangements with me. In addition, the student must register with Disability Services in the D.C. Culp Center, telephone 439-8346.

**Academic Misconduct:**

Academic misconduct will not be tolerated. Any student caught in academic misconduct will receive an F for the assignment or test and their name will be sent to the dean's office.

**Classroom Etiquette and Additional Information:**

- ◆ Turn off all cell phones and beepers.
- ◆ Arrive to class on time.
- ◆ Do not use computers during class, unless the class as a whole is participating in computer work.
- ◆ Do not carry on a conversation with fellow students during class unless working on an in-class project as it disrupts everyone's ability to learn.
- ◆ Please ask questions. Feel free to stop me during the lecture if you do not understand something. I will gladly go back over the concept or allow another student to explain the material in a way that may make more sense to you.
- ◆ I am happy to answer any emails; however, it is ETSU policy that faculty are only allowed to respond to student emails which come from ETSU goldmail.
- ◆ This class moves quickly. Do not get behind. Please come see me at the start of any difficulty.