

**Calculus III**  
**Math 2210, Section 1**  
**MWF 12:30 P.M. – 2:00 P.M.**  
**AEB 320**  
**Summer 2008**

**Instructor:** Michael Purcell  
**E-mail:** [purcell@math.utah.edu](mailto:purcell@math.utah.edu)  
**Web Page:** [www.math.utah.edu/~purcell](http://www.math.utah.edu/~purcell)  
**Office:** JWB 332  
**Office Hours:** MW 2:00 P.M. - 3:00 P.M.

Generally speaking, I am available for consultation whenever I am in my office. Please feel free to drop by outside of the regular office hours. Bear in mind, however, that while I may be on campus during the day, it is possible (likely!) that I could be otherwise occupied. Thus, if you are unable to come to the regular office hours, and NEED to meet with me, it may be in your best interest to set up an appointment beforehand.

**Text:** Calculus with Differential Equations, Ninth Edition  
by Varberg, Purcell, and Rigdon  
ISBN: 0-13-230633-6

**Recommended Reading (Optional):**  
Div, Grad, Curl, and All That: An Informal Text on Vector Calculus  
by H.M. Schey  
ISBN: 0-39-392516-1

**Prerequisite:** Math 1220

**Tutoring:** The Rushing Math Center offers FREE drop in tutoring, a computer lab, and study areas for undergraduates. The Rushing Student Center is between LCB and JWB on the main campus.

**Holidays:** Independence Day July 4 (Friday)  
Pioneer Day July 24 (Thursday)

**ADA Statement:** The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic learning, and psychiatric disabilities. Students need to contact the instructor at the beginning of the semester to discuss any such accommodations that they may require for this course.

## Grading

### Final Grading Scale:

100-93% A	87-83% B	77-73% C	67-63% D
93-90% A-	83-80% B-	73-70% C-	63-60% D-
90-87% B+	80-77% C+	70-67% D+	60-0% E

### Homework: 40%

Homework will be assigned daily. Homework is due at the beginning of class the session after it is assigned. See the course schedule and/or web page for details. Because this course is on a short schedule, it is very important that you keep up with the homework assignments. As such, late homework will be worth AT MOST 50% of the possible points, minus whatever points are deducted for incorrect answers.

### Midterm: 25%

There will be one midterm exam on Wednesday, July 2. This exam will cover the material from chapters 11 and 12 in the text.

### Final Exam: 35%

The final exam will be on Thursday, July 31 from 12:30 P.M. - 2:30 P.M. The final exam will be comprehensive and may include material from the prerequisite classes MATH 1210 and MATH 1220 (Calculus I and II).

Absence from an exam will be excused only if you can produce verifiable and convincing evidence that you have/had a significant illness or serious family crisis that will prevent/prevented you from attending. Except under exceptional circumstances, you must make arrangements with me well before the missed test, and you will be expected to take the exam prior to your absence.