

## CALCULUS III

### Time and Location:

T, Th, 6:00-7:30 pm, LCB 215

### Instructor:

David George

LCB 318. 581-8340. [george@math.utah.edu](mailto:george@math.utah.edu)

Office Hours: T, Th, 5:00-5:50pm, or by appointment

### Textbook:

*Calculus with Differential Equations*, Varberg, Purcell and Rigdon, 9th ed., Prentice Hall.

### Course Topics:

We will cover most sections in chapters 11-14. This includes standard topics in a third semester of calculus, including vectors in the plane and in 3-space, differential calculus in several variables, integration and its applications in several variables, vector fields, and line, surface, and volume integrals. Green's and Stokes' theorems.

### Course Website:

<http://www.math.utah.edu/~george/math2210>

### Grading Policy:

The grade breakdown is as follows:

- 30% weekly homework
- 30% 2 in-class midterms (15% each)
- 40% 1 comprehensive final

### Homework:

Homework assignments will typically be assigned weekly on Thursday and collected the following Thursday in class. **No late homework will be accepted.** The assignments will be posted on the Course Website. Solutions will be available on the website shortly after the assignments are due.

**Reading Schedule:** You should consult the course website to determine a reading schedule. Lectures are more useful if you have read, or at least skimmed, the material in the book first.

### Exam Schedule:

- Midterm 1: Thursday, Feb. 13th. (Tentatively)
- Midterm 2: Tuesday, March 13th. (Tentatively)
- Final: Tuesday, May 1 st, 6:00-8:00 pm, LCB 215.

**ADA**

The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, sensory, cognitive, systemic, learning and psychiatric disabilities. Please contact me at the beginning of this semester to discuss any such accommodations you may require.