

Math 2110-010

Fall 2009

## Multivariable Calculus

*Text:* **Multivariable Calculus**, 6<sup>th</sup> edition, James Stewart, Brooks Cole with WebAssign code.

*Time*           MWF 8:00-9:15  
*Place:*         MSB 411  
*Dr.*             Pengwen Chen  
*Office*         MSB 218, 486-3595  
*e-mail*         pengwen@math.uconn.edu  
*Office hrs*     MWF 1:00-2:00 pm, or by appointment(24 hours).

*Course description:* Two- and three-dimensional vector algebra, calculus of functions of several variables, vector differential calculus, line and surface integrals.

*Grading:* Two mid-term exams 25%,25%; final exam 35%; Webassign homework 15%.

*Exams:* Mid-terms Wed. 10/07 and 11/11; Final exam Mon. 12/14, 08:00-10:00.

| Week | Dates       | Content            | Notes                          |
|------|-------------|--------------------|--------------------------------|
| 1    | 08/31-09/04 | 12.1-12.3          |                                |
| 2    | 09/07-09/11 | 12.4-12.5          | M: Labor day.                  |
| 3    | 09/14-09/18 | 12.6, 13.1         | M: last day to drop without W. |
| 4    | 09/21-09/25 | 13.2, 14.1         |                                |
| 5    | 09/28-10/02 | 14.2, 14.3, Review |                                |
| 6    | 10/05-10/09 | 14.4-14.6          | Exam I                         |
| 7    | 10/12-10/16 | 14.7- 15.1         |                                |
| 8    | 10/19-10/23 | 15.2-15.4          |                                |
| 9    | 10/26-10/30 | 15.6-15.8          |                                |
| 10   | 11/02-11/06 | 15.9, Review       | M: Last day to drop.           |
| 11   | 11/09-11/13 | 16.1-16.2          | Exam 2                         |
| 12   | 11/16-11/20 | 16.3-16.5          |                                |
| 12   | 11/23-11/27 | –                  | Thanksgiving recess            |
| 13   | 11/30-12/04 | 16.6-16.8          |                                |
| 14   | 12/07-12/11 | 16.9, Review       |                                |

### Notes

- Makeup exams will only be given in extreme cases such as a true emergency or illness with some proper document.