

# MAC 2283 - 001 ENGINEERING CALCULUS III

## FALL 2009

**Class Time:** M 9:40-10:30 am----LIF 261  
W 8:35am-10: 30 am -- LIF 261  
F 8:35am-9: 25 am---- LIF 261

**Instructor:** Mohamed Elhamedadi, Ph.D. (office: PHY 321)  
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**Office Hours:** MW from 10:30 am to 11:30, all others by appointment

**Prerequisite:** C (2.0) or better in MAC 2282, or C (2.0) or better in Mac 2312.

**Text:** *Calculus, 4th Edition* by Larson, Hostetler, and Edwards; 2006; Publisher: Houghton Mifflin; ISBN # 0-618-60624-6.

**Material Covered:** Chapters 11 (sections 1-5), 12 (sections 1-3), 13 (sections 1-10), and 14 (sections 1- 4, and 6). If time allows we'll cover some sections from chap 15.

**Objective:** Learn how to analyze changing quantities (the underlying principles of calculus) and examine applications pertinent to engineering.

**Tests:** Four (4) tests (worst dropped and replaced by the average of the quizzes). *No make up.* HWK will be assigned but not graded. The final grade is the average of the three best tests and the average of the quizzes.

**Test Dates:** Test 1 - Wednesday, Sep 16  
Test 2 - Wednesday, Oct 07  
Test 3 - Wednesday, Nov 03  
Test 4 - Wednesday, Dec 04

**Drop Deadline:** The last day to drop with a "W"; no refund and no academic penalty is Oct 31.

**Grading:**

|    |   |          |    |   |         |
|----|---|----------|----|---|---------|
| A+ | = | 97 - 100 | C+ | = | 77 - 79 |
| A  | = | 94 - 96  | C  | = | 74 - 76 |
| A- | = | 90 - 93  | C- | = | 70 - 73 |
| B+ | = | 87 - 89  | D+ | = | 67 - 69 |
| B  | = | 84 - 86  | D  | = | 64 - 66 |
| B- | = | 80 - 83  | D- | = | 60 - 63 |
| F  | = | 0 - 59   |    |   |         |

**Reminder:** In the event of an emergency, it may be necessary for USF to suspend normal operations. During this time, USF may opt to continue delivery of instruction through methods that include but are not limited to: Blackboard, Elluminate, Skype, and email messaging and/or an alternate schedule. It's the responsibility of the student to monitor Blackboard site for each class for course specific

communication, and the main USF, College, and department websites, emails, and MoBull messages for important general information.

***No cell phones allowed in class!!!  
Please bring your USF ID to all exams.***