

**Math 251 Syllabus**  
**Spring 2007**  
1pm, MUWF

**Instructor :** Professor Seitz

**Office :** 319 Fenton Hall (6-5626)

**Office Hours :** MW 2 - 3, F 10

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**Text :** Stewart, "Single Variable Calculus: Early Transcendentals", 5th ed.

**Homework:** Homework will be collected each Monday and that class period will include a discussion of homework problems from the previous week.

**Grading procedures :**

Homework: 100 points

Midterm exam 1 (April 25) : 100 points

Midterm exam 2: (May 23): 100 points

Final exam (June 16): 200 points

The final grade will be assigned on the basis of the total point score from the above activities.

**Tentative Reading and HW assignments:**

**Week 1, Apr 2 - Apr. 6:** Read sections 2.1, 2.2 and 2.3. Solve the following problems from the text:

**2.1:** 5, 6

**2.2:** 4, 5, 6, 9, 13, 14, 18, 24

**2.3:** 2, 4, 10, 13, 20, 44, 45

**Week 2, Apr. 9 - Apr. 13:** Read sections 2.4 and 2.5. Solve the following problems from the text:

**2.4:** 4, 15, 20, 41

**2.5:** 4, 5, 15, 16, 17, 18, 28, 32, 36, 37, 45, 46

**2.6 :** 4, 37

**Week 3, Apr. 16 - Apr. 20:** Read sections 2.7, 2.8, and 2.9. Solve the following problems from the text:

**2.7:** 7, 12(a), 16, 18

**2.8:** 4, 6, 13, 14, 20, 24, 26

**2.9:** 2, 4, 6, 7, 8, 16, 24

**Week 4, Apr. 23 - Apr. 27:** Review, **Exam**, Read section 3.1. Solve the following problems from the text:

**3.1:** 4, 8, 9, 10, 17, 18, 20, 22, 25, 26, 46, 50

**Week 5, April 30 - May 4:** Read sections 3.2, 3.4, and 3.5. Solve the following problems from the text:

**3.2:** 4, 6, 7, 17, 20, 26, 34, 35

**3.4:** 2, 6, 13, 16, 18, 30

**3.5:** 2, 3, 10, 12, 19, 32, 42

**Week 6, May 7 - May 11:** Read sections 3.6, 3.7, and 3.8. Solve the following problems from the text:

**3.6:** 1, 2, 4, 8, 16, 19, 26, 42, 50

**3.7:** 3, 6, 10, 24, 31, 38

**3.8:** 3, 4, 10, 21, 39

**Week 7, May 14 - May 18:** Read sections 3.10, 4.1, and 4.2. Solve the following problems from the text:

**3.10:** 1, 9, 12, 18, 19

**4.1:** 3, 6, 38, 48, 53, 60

**4.2:** 2, 4, 5, 8, 15, 17, 20, 29, 30

**Week 8, May 21 - May 25:** Review, **Exam**, Read section 4.3. Solve the following problems from the text:

**4.3 :** 2, 6, 7, 18, 24, 31, 34, 36, 46

**Week 9, NO CLASS MONDAY, May 30 - June 1, :** Read sections 4.4 and 4.5. Solve the following problems from the text:

**4.4:** 2, 3, 6, 10, 15, 16, 29, 44, 51

**4.5:** 5, 6, 12, 21, 44

**Week 10, June 5 - June 9 :** Read sections 4.7 and 4.10, Review for final. Solve the following problems (not turned in).

**4.7:** 2, 4, 6, 9, 29

**4.10:** 1, 4, 7, 12, 69

**FINAL EXAM :** Tuesday, June 12, 3:15 - 5:15