

<b>SYLLABUS</b>	<b>MAT 266 CALCULUS FOR ENGINEERS II</b>	<b>Spring 2009</b>
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**Prerequisites:** MAT 265 or MAT 270 (Calculus I) with a grade C or better.

**Textbook:** *Essential Calculus , Early Transcendentals* by James Stewart, Thomson (Brooks/Cole)

**Calculators:** A graphing calculator (e.g. TI83 or Casio CFX-9850GB Plus) is recommended. Graphing calculators which perform symbolic manipulation (e.g. TI89, TI92, Casio FX2 or 9970G) will not be allowed for tests or quizzes.

### TESTS/QUIZZES/HOMEWORK

- 25% Quizzes/Homework:** Quizzes are given randomly. No make up. The homework will have two components. One of them will be WeBWork, an on-line homework program that gives students instant feedback on their answers. The URL is <http://webwork.asu.edu>.  
The other component of the homework will consist of selected problems from the book, where showing all the steps and writing explanations and proofs will be required. Homework will be assigned every Friday, starting Friday 01/23, and will be due in one week(the next Friday). Check course webpage every Friday for the homework assignments. **No late homework will be accepted.**
- 50% Three Chapter Tests** to be taken in the Testing Center.  
**Test 1: Th, 2/19, Fr, 2/20.** Covers sections 5.5 - 6.4  
**Test 2: Th, 3/26, Fr, 3/27.** Covers sections 6.5, 6.6, 7.1-7.5  
**Test 3: Th, 4/23, Fr, 4/24.** Covers sections 8.1-8.2, 8.4-8.7, 9.1
- 25% Final Exam.** The Final Exam will be on **Th, 5/7. Start: 7:10 pm, End: 9:00 pm** Location TBA. The final is comprehensive. There will be no make-up's given for the final, and no finals will be rescheduled for personal reasons, including non-refundable airplane tickets.

### CUT-OFFS

A-, A, A+: 90-92.9, 93-96.9, 97-100%	B-, B, B+: 80-82.9, 83-86.9, 87-89.9%
C, C+: 70-75.9, 76-79.9%	D: 60-69.9%      E: 59.9% or less.

**TESTING CENTER:** The Mathematics Department Testing Center is in PSA 21 (basement of PSA). To be admitted to the Testing Center each student must have a valid ASU Sun Card. The Testing Center is open 8:00AM-6:30PM on M-Th and 8:00AM-3:30PM on Friday. Make sure you arrive *before* 6:30PM or 3:30PM on Friday. The Testing Center will not allow late entry. Arrival before the door closes allows the student an hour and a half to complete the test.

**TUTORING:** Free tutoring is available at the Math Tutor Center in PSA 116 and at the Engineering Tutor Center, ECF 102. The Learning Resource Center has also tutoring available for this course.

**COURSE POLICIES:** Students are responsible for assigned material whether or not it is covered in class. Students are responsible for material covered in class whether or not it is in the text. Working regularly on assigned problems and **attending class** is essential to survive. Expect to spend at least 6-10 hours weekly on homework. You are expected to read the text, preferably before the material is covered in class. Quizzes are given randomly and frequently reflect material that has recently been discussed in class. **No late HW will be accepted and no make-up quizzes will be given.** Make-up exams are at the discretion of the instructor and only in case of documented emergency. In any case, no make-up exams will be given unless the student has notified the instructor before the test is given. Messages may be left in my office, at the main office (965-3951) or through email (recommended).

## ACADEMIC DISHONESTY!:

In the “Student Academic Integrity Policy” manual, ASU defines “Plagiarism” [as] using another's words, ideas, materials or work without properly acknowledging and documenting the source. Students are responsible for knowing the rules governing the use of another's work or materials and for acknowledging and documenting the source appropriately.” You can find this definition at:

[http://www.asu.edu/studentaffairs/studentlife/judicial/academic\\_integrity.htm](http://www.asu.edu/studentaffairs/studentlife/judicial/academic_integrity.htm)

Academic dishonesty, including inappropriate collaboration, will not be tolerated. There are severe sanctions for cheating, plagiarizing and any other form of dishonesty.

## TENTATIVE DATES FOR LECTURES AND EXAMS

<i>Week</i>	<i>Dates</i>	<i>Sections</i>	<i>Comments</i>
1	Jan. 20 – Jan. 23	5.1-5.4 (Review), 5.5	
2	Jan. 26 – Jan. 30	5.5, 6.1	
3	Feb. 2 – Feb. 6	6.2, 6.3	
4	Feb. 9 – Feb. 13	6.4, Review	
5	Feb. 16 – Feb. 20	6.5, 6.6	<b>Test 1: Th, 2/19, Fr, 2/20</b>
6	Feb. 23 – Feb. 27	7.1, 7.2	
7	Mar. 2 – Mar. 6	7.3, 7.4	
	Mar. 9 – Mar. 13	<b>Spring Break</b>	
8	Mar. 16 – Mar. 20	7.5, Review	
9	Mar. 23 – Mar. 27	8.1, 8.2	<b>Test 2: Th, 3/26, Fr, 3/27</b>
10	Mar. 30 – Apr. 3	8.4, 8.5	Apr. 3 – Course withdrawal Deadline- In Person Apr. 5 – Course withdrawal Deadline – On line
11	Apr. 6 – Apr. 10	8.6, 8.7	
12	Apr. 13 – Apr. 17	9.1, Review	
13	Apr. 20 – Apr. 24	9.2, 9.3	<b>Test 3: Th, 4/23, Fr, 4/24</b>
14	Apr. 27 – May 1	9.4, Review	
15	May 4 – May 5	Review	<b>Final Exam: Th, 5/7 Start: 7:10 pm, End: 9:00 pm</b>

**NOTE:** This syllabus is tentative and should not be considered definitive. The instructor reserves the right to modify it (including the dates of the tests) to meet the needs of the class. It is the student responsibility to attend class regularly and to make note of any change.

**Note:** It is a student’s responsibility to verify that that they have in fact withdrawn from a class.

Please schedule an appointment to see me during office hours if you have a disability that will require accommodations in this class.

**Note:** To qualify for disability accommodations at ASU, students must qualify for services through the Disability Resource Center (DRC), which is located on the 1<sup>st</sup> floor of the Matthews Center Building. 480.965.1234 (V), 480.965.9000 (TTY). Please complete this process as soon as possible.

**Attendance:** Attendance is mandatory! Your instructor reserves the right to take attendance and to incorporate your attendance as part of your overall grade. For classes that meet four days a week, the maximum number of absences is eight. **For classes that meet three days a week, the maximum number of absences is six.** For classes that meet once days a week(recitations), the maximum number of absences is two. Students who exceed the number of allowed absences will receive a grade of **EN**.

## Departmental and University Policies and Procedures

**Departmental Drop Back:** Based on advising from the course instructor, a student may elect to drop back to a lower level math course before the drop back deadline. The student should go to the Undergraduate Mathematics Office in PSA 211 to initiate a drop back request.

**The grade of Incomplete:** A grade of incomplete will be awarded only in the event that a documented emergency or illness prevents the student who is doing acceptable work from completing a small percentage of the course requirements. The guidelines in the current general ASU catalog regarding a grade of incomplete will be strictly followed.

**Instructor-Initiated Drop:** At the instructor's discretion, any student who has not attended class during the first week of classes may be administratively dropped from the course. However, students should be aware that non-attendance would NOT automatically result in being dropped from the course. Thus, a student should not assume they are no longer registered for a course simply because they did not attend class during the first week. It is the student's responsibility to be aware of their registration status.

**Final Exam Make-up Policy:** The final exam schedule listed in the Schedule of Classes will be strictly followed. Exceptions to the schedule and requests for make-up examinations can be granted only by the Department Chair, Associate Department Chair or the Director of First Year Mathematics, and for one of the following reasons:

1. religious conflict (e.g., the student celebrates the Sabbath on Saturday)
2. the student has more than three exams scheduled on the same day as the math final
3. there is a time conflict between the math final and another final exam.

**Incomplete:** If there is a last-minute personal or medical emergency, the student may receive a grade of Incomplete and make up the final within one calendar year. The student must provide written documentation and be passing the class at the time to receive an Incomplete. Make-up exams will NOT be given for reasons of a non-refundable airline tickets, vacation plans, work schedules, weddings, family reunions, and other such activities. Students should consult the final exam schedule before making end-of-semester travel plans. *The Dean of the student's college must approve any exceptions to these rules.*

**The grade of XE:** A grade of XE is reserved for "failure for academic dishonesty." The grade goes on the student's transcript; the student needs to petition to have it removed after 1 year.

**The grade of EN:** A grade of EN is reserved for "failure due to excessive absences." The grade goes on the student's transcript.