**Syllabus**  
**MAT 267**  
**Calculus for Engineers III**  
**SPRING 2009**

**Instructor:**  
**Wenbo Tang**  
**Office:** PSA837

**SLN:**  
12260  
**Class time:** MWF 12:55PM-1:45PM

**Phone #:**  
x5-1476  
**Office Hours:** MW 3:15PM-4:30PM

**URL:**  
http://math.asu.edu/~wtang  
**Email:** Wenbo.Tang@asu.edu

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**PREREQUISITES:**  
MAT 266 or MAT 271 (Calculus II) or its equivalent with a grade of C or better.

**TEXT:**  
*Essential Calculus, Early Transcendental*, by James Stewart (Brooks/Cole)

**GRADING:**  
- Homework and Quizzes  
  25%
- 3 midterm tests  
  50%
- Final Exam  
  25%

**GRADING SCALE:**  
A+ >97%, A 93-96.9%, A- 90-92.9%, B+ 87-89.9%, B 83-86.9%, B- 80-82.9%, C+ 76-79.9%, C 70-75.9%, D 60-69.9%, E <60%

**FINAL EXAM:**  
comprehensive and will be given on Thursday, May 7th at 7:10 - 9:00 PM at a location TBA later.

**CALCULATORS:**  
A graphing calculator is highly recommended (TI-83, TI-85, TI-86 or Casio 9800 series.) Calculators with QWERTY keyboards or those that do symbolic algebra such as the TI-89, and the TI-92 may not be used during an exam.

**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 are essential to survival. Homework (written part) will be collected at the beginning of the 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. In any case, no make-up exam will be given unless the student has notified the instructor before the test is given. Message may be left in the main office (965-3951) or through email. You must make every reasonable effort to notify me before the exam is given and document your reason for missing the exam.

**ATTENDANCE** is required; missing more than four times for classes that meet twice a week or more than 6 times for classes that meet 3 times a week will result in a grade of EN, failure due to nonattendance. Students absent for university sponsored events must make arrangements for making up the work they will miss before they are absent.

**WITHDRAWAL DEADLINE:**  
April 3 (in person), April 5 (online). It is a student’s responsibility to verify that that they have in fact withdrawn from a class.

**TESTING CENTER:**  
The Mathematics Testing Center is located in PSA-21 (basement). All our exams, except for the final, will be given in that room. For each exam you will need your ASU SunCard to be admitted. The hours are M-Th 8 am to 8 pm (last test handed out at 6:30 pm) and Fri 8 am to 5 pm (last test handed out at 3:30 pm). There are no
exceptions to the rules stated above. There have been instances of long waits to get into the testing center, so it is advised that you give yourself some extra time and arrive early, just in case.

**CLASS ETIQUETTE:** Do not disturb/distract other people around you. That is, do not carry on conversations; turn off your cell phone, NO TEXTING, NO ipods/laptops, etc. Also, arriving consistently late, or leaving early is very disruptive.

**HONOR POLICY AND ETHICS:** 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.

**TUTORING:** In the Tutor Center in PSA 116 8am-8pm M-Th and 8am -4pm F, or at the ASU Learning Resource Center (LRC) and at the Engineering Tutor Center in ECF 102. Hours: 9:30am-5pm M-Th and 9:30-3pm F.

**TENTATIVE LECTURE SCHEDULE:**

<table>
<thead>
<tr>
<th>Week</th>
<th>Sections covered</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Jan. 19–23</td>
<td>10.1, 10.2</td>
<td>(Jan 19th ) Martin Luther King Holiday</td>
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<tr>
<td>Jan. 26–30</td>
<td>10.3,10.4</td>
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<tr>
<td>Feb. 2-6</td>
<td>10.5,10.6, 10.7</td>
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<tr>
<td>Feb. 9–13</td>
<td>10.8, 10.9, Review</td>
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<tr>
<td>Feb. 16–20</td>
<td>T1, 11.1, 11.3</td>
<td>(Febr. 16,17) TEST 1</td>
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<td>Feb. 23–27</td>
<td>11.4, 11.5</td>
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<tr>
<td>Mar. 2-6</td>
<td>11.6, 11.7, (11.8), 12.1</td>
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<tr>
<td>Mar. 9–13</td>
<td>Spring Break</td>
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<tr>
<td>Mar. 16–20</td>
<td>12.2, 12.3, (12.4)</td>
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<tr>
<td>Mar. 23–27</td>
<td>12.5, 12.6, 12.7</td>
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<td>Mar. 30 – Apr. 3</td>
<td>Review, T2, 13.1</td>
<td>(Mar. 31, Apr 1) TEST 2</td>
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<td>Apr. 6 –10</td>
<td>13.2, 13.3</td>
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<tr>
<td>Apr. 13 –17</td>
<td>13.4, 13.5</td>
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<td>Apr. 20 –24</td>
<td>13.6, 13.7</td>
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<td>Apr. 27 – May. 1</td>
<td>Review, T3</td>
<td>(Apr. 28,29) TEST 3</td>
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<td>May. 4 – 5</td>
<td>Final Rev.</td>
<td>(May 7) common FINAL</td>
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**HOMEWORK:** There will be a combination of written homework and WeBWork, an on-line homework that gives instant feedback to the students on their answers. The URL is [http://webwork.asu.edu](http://webwork.asu.edu) We still encourage you to solve these problems first on paper. Click on Get hard copy to get a printout of the problems first.

Homework will be a very important part of your learning. You cannot expect to solve all assigned problems easily. Some problem will require more time and effort. Even if you are unable to solve the entire problem, any time spent on
trying is not wasted. Try to emphasize understanding rather than memorization when you are working on the problems. I recommend that you form study groups to work together on the problems. You need to explain everything on your homework solutions for full credit. Expect to spend at least 6 – 10 hours weekly on homework.

**NOTE:** The instructor reserves the right to create class policies in regards to due dates, late assignments, etc. The syllabus is subject to change or revision at instructor’s discretion; announcements made in class are considered addenda to the syllabus.