Instructor: Ann Scheels, PhD  
Email: scheels@math.wisc.edu  
Office: Van Vleck 720  
Office Hours: MWF 9:55AM - 10:45AM, 12:05PM - 12:55PM

TA’s: A complete list of TA’s, contact info and office hours is available at Learn@UW.

Course Materials:
Required Text: Thomas’ Calculus, 12th edition, with 2nd-order differential equations. ISBN: 9780321726414. Be careful about the version you buy: this is a special Wisconsin printing and the university bookstore has the right one. Amazon and other online vendors do not seem to carry this specific edition. This is the version used by the Mathematics department for the entire 221-222-234 sequence. 221 covers chapters 1 thru 7.  

Homework:
Homework problems are assigned for practice but are NOT COLLECTED. It is the your responsibility to work through the homework problems in preparation for exams and quizzes. Quizzes and Exams will be based on the homework content as well as lecture content but will not necessarily be taken from the homework or lecture word-for-word. As a general rule, if you feel comfortable with the homwork exercises and the examples worked in lecture, then you should be well-prepared for quizzes and exams. The entire list of homework exercises is available for download at Learn@UW.

Quizzes:
Quizzes are given every week on Thursdays in Discussion. There will be a total of 12 weekly quizzes given throughout the semester, each worth 10 points. The lowest two of these will be dropped from your score. There are no make-up quizzes. As fair warning, it is wise to save your dropped quiz scores for an emergency, e.g. illness, bad-day, travel, ”insert your favorite missed-quiz excuse here.”

Exams:
There will be two evening midterm exams, each worth 100 points and the cumulative final exam is worth 200 points.

1. **Midterm 1** Thursday, February 24th, 5:30 PM - 7:00 PM  
   Covers all of Chapter 1, all of Chapter 2 and Chapter 3.1 through 3.6

2. **Midterm 2:** Thursday, April 7, 5:30 PM - 7:00 PM  
   Covers Chapter 3.7 and 3.8, all of Chapter 4, and Chapter 5.1 through 5.5

3. **Final Exam:** Monday, May 9th, 5:05 PM - 7:05 PM  
   The final exam is cumulative. It will cover the entire course.

If you have a conflict with the evening exams, you must notify professor Scheels via email by **February 4th.** It is common to encounter conflicts with evening labs or classes. Conflicts require verification. In general, a screen-shot of your schedule from MyUW which includes your name and student ID is sufficient. Other non-academic conflicts will be handeled on a case-by-case basis. Contact Dr. Scheels with questions.
Grading Policy:

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<th>Points</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Midterm 1</td>
<td>100</td>
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<tr>
<td>Midterm 2</td>
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<tr>
<td>Final Exam</td>
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<tr>
<td>Quizzes</td>
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<td><strong>Total</strong></td>
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Your points earned for the course will be the higher of:

1. Midterm 1 + Midterm 2 + Final Exam + 10 highest Quizzes

OR

2. Highest Midterm score + 1/2 Final Exam Score + Full Final Exam Score + 10 Highest Quizzes.

That means, if you have a poor performance on one of the midterms, you can redeem your grade with a great performance on the final exam. In exchange for this generous grading policy, there are NO make-up quizzes or exams. To ensure equality among different discussion sections there is not extra credit in discussions.

Prerequisites:

The official prerequisite is one of

* Satisfactory placement scores, OR
* Math 112 and Math 113, OR
* Math 114

You should be comfortable with basic algebra and trigonometry. If you want to do some revision beforehand, work through Chapter 1 of Thomas.

Math Help Resources:

* Office Hours: Visit Ann or your TA to get questions answered.

* Math Lab: Drop-in help in B 227 Van Vleck. Staffed by math graduate students. Highly recomended! Visit the Math Lab website for details and schedule at:
  
  http://www.math.wisc.edu/ mathlab/

* Math Tutorial Program: Small group tutoring. Visit the Tutorial Program website for details and to see if you qualify.
  
  http://www.math.wisc.edu/ tprogram/

* GUTS: Peer tutoring at Helen C. White Hall. Visit the GUTS website for details at
  
  http://guts.studentorg.wisc.edu/

* Private Tutoring: ($) Visit the mathematics tutor list website for details.
  
  http://www.math.wisc.edu/tutors