

Instructor: Dr. R. H. Hoar
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OTHER OFFICE HOURS
BY APPOINTMENT OR BY CHANCE

	Monday	Tuesday	Wednesday	Thursday	Friday
8:50 - 9:45		Office Hour			Office Hour
9:55 - 10:50	Math 353 CH 113		Math 353 CH 113	Office Hour	Math 353 CH 113
11:00 - 11:55	Lunch	Lunch	Lunch	Lunch	Lunch
12:05 - 1:00	Math 207 CH 47	Math 207 CH 47	Math 207 CH 47	Math 207 CH 47	Math 207 CH 47
1:10 - 2:05	Math 207 CH 47	Math 207 CH 47	Math 207 CH 47	Math 175 CH 47	Math 207 CH 47
2:15 - 3:10	Office Hour	Office Hour			

Visit www.uwlax.edu/mathematics/Math207 or www.uwlax.edu/mathematics/personal/hoar/

Text: *Calculus*, 5TH edition; by Stewart. Most of the material in chapters 1-6 will be covered as well as a portion of the material in chapter 7. This is a well written textbook with many examples and perspectives; to best prepare yourself for class, you should read ahead. It is assumed that the student has mastered college algebra and trigonometry (some of these topics are reviewed in the first chapter). Most of the handouts (including this one) are available at the web sites listed above.

Class procedure: Suggested homework problems will be assigned each class period and should be attempted by the next class period. We will begin most classes with a discussion of the homework from the previous class. You are expected to ASK QUESTIONS both at this time and during the lecture. When you need help, PLEASE ASK! My office hours are listed above, and the Tutor Center in Room 252 Cowley Hall is usually open from 7:45 am – 9:00 pm, Monday through Thursday, and 7:45 am – noon on Fridays. There are also private tutors available. If my office hours are not convenient for you, please set up an appointment to meet with me.

Projects and Web Activities: These are specific problems that examine a situation in detail, or from another perspective. These usually have several parts, may require the use of a computer, and usually go into greater depth than normal homework problems in the text.

Grading: There will be four exams and a comprehensive final. Quizzes and/or Tests will be given nearly every week. There will be **no** make-up quizzes or exams. Exam dates will be announced at least one week in advance.

Number/Type	Value	Total
8 Quizzes	15 points each; lowest dropped	105 points
2 Projects	25 points each	50 points
6 Web Activities	5 points each	30 points
4 Exams	100 points each	400 points
1 Final Exam	200 points	200 points
TOTAL	Maximum Possible	785 points

A	785-722
AB	721-691
B	690-644
BC	643-612
C	611-550
D	549-471
F	Below 470

Qz1	Qz2	Qz3	Qz4	Qz5	Qz6	Qz7	Qz8	PT1	PT2	Ex1	Ex2	Ex3	Ex4	Final

CLASS ATTENDANCE IS MANDATORY!!!

Study Tips

The goal of the course is to become familiar with the theory and skills related to algebra, trigonometry and calculus. The following list of steps is the way in which I suggest you study for this course:

- Each night, finish any problems that you have not completed in sections that have been discussed in class. If you run into trouble, make a note so that you can ask it in class, in the tutor room or in my office.
- Then read the section that is going to be covered the next class period.
- Look for relationships (similarities and differences) between this new section and the sections that came before (there are usually many).
- Strive to complete the lower numbered problems that have been assigned in that section. The exercises typically get more challenging as the problem number increases. Keep going until you get stuck.
- Next, read all of the remaining problems and attempt any that seem “do-able”.
- Come to class the next day prepared to ask questions related to any concept or problem that you do not understand.
- After class, attempt to complete all of the problems that you were not able to complete the night before.
- For each problem you encounter, try to make sure that you cannot only successfully *complete* the problems, but that you also *understand* why the solution process works, so that you can confidently attempt similar (but different) problems. The problems are usually tied to an important concept that will be encountered again and again.
- Make a point to consider how it is you will communicate your work. On exams and quizzes, it is necessary to “Show Me How” to find the solution to each problem, not to simply come up with the answer.
- Remember that there is quite a bit of help available. So if you cannot complete this list, get help (soon).
- The course web-site, <http://www.uwlax.edu/Mathematics/Math207>, has quite a few useful items on it. Including:
 - Links to the web-based activities that will be assigned.
 - Most of the handouts given in class (in case you lose one).
 - Advice from former Math 207 students, listed by major.
 - Links to a variety of websites that contain information and practice problems.
 - A link to the UW-L Web Calculator, which contains a calculus site.
 - My office hour schedule and contact information.
- Studies have shown that if you spread out your studies over the week, you will understand and retain much more than if you cram once or twice per week (even when the total number of hours spent studying remains fixed).