

Syllabus for Math 1060, Fall, 2002

Plane Trigonometry

- **Text:** The text for this course is *Precalculus* by Larson and Hostetler
- **Instructor:** Jesse Ratzkin
 - **Office:** JWB 217
 - **Office Hours:** Tuesdays 10:30 to 11:30 and Thursdays 12:45 to 1:45 and by appointment
 - **phone number:** 581-5231
 - **email:** ratzkin@math.utah.edu
 - **webpage:** <http://www.math.utah.edu/~ratzkin/m1060>

- **Tentative Schedule:** I should emphasize that this is very tentative. I have listed a time span in the first column, the subject in the second column, and the appropriate sections of the text in the third column.

August 22– September 19	trigonometric functions	4.1– 4.8
September 24– October 10	trigonometric identities	5.1– 5.5
October 15–24	the laws of sines and cosines	6.1–6.2
October 29– November 7	vectors and dot products	6.3–6.4
November 12–14	DeMoivre’s formula	6.6
November 19–21	lines	10.1
November 26 – December 3	polar coordinates	10.7–10.8

I am planning on having a total of three exams this semester, including the final (which is **Tuesday, December 10 at 3:30 PM**). The midterm exams will be on **Thursday September 26** and **Thursday November 7**.

- **Grading:** To assign grades, I will form a weighted sum of all the grades you receive throughout the semester. The weighting will be
 - midterm exams 20% each
 - homework 20%
 - final exam 40% .

After computing everyone’s weighted scores I will assign grades based tentatively on the following scale:

100-91 %	A
90-86 %	A-
85-81 %	B+
80-76 %	B
75-71 %	B-
70-66 %	C+
65-61 %	C
60-56 %	C-
55-51 %	D+
50-46 %	D
45-41 %	D-
40-0 %	E

- **Homework Policy:** You will submit homework for this course online via a program called “WebWork”. See <http://www.math.utah.edu/online/ww> for more information.

- **Exam Policies:** I do not allow reference materials (e.g. a page or index card of notes) during exams. However, I do allow calculators which cannot perform matrix manipulations.
- **General Comments:** Please ask questions during my lectures. I find it very difficult to judge how well students follow the material if they don't ask me questions; indeed, in this case I often make the grave error of assuming they understand everything I say perfectly. Thus it is much better for everyone (it makes the students happier and it makes my job easier) if you stop me during lecture and ask me plenty of questions. In addition, I encourage you to come to my office hours or just drop by my office to ask me questions. Also, the Math Tutoring Center, in the basement of the main mathematics building (see <http://www.math.utah.edu/ugrad/tutoring.html> for more information) is available as a study aid.

Makeup exams *might* be given in cases of extreme duress. Please keep in mind that I am much more sympathetic to your plight if you tell me you must miss an exam before it happens. In particular, I ask that you warn me (via email is best) about any scheduling mishaps at least two class periods in advance.

Please keep in mind that mathematics is not a spectator sport! You can only learn math by doing it, so it is imperative that you do the homework.

Good luck.