MATH 104G-001   Precalculus II   Spring 2004
Trigonometry and Analytic Geometry

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Office Hours: To be announced
     College Hall 4A
     Other times are available by appointment or drop-in.
Class Meeting: Monday, Wednesday and Friday: 12:00-12:50 PM, EK 106

Any part of this syllabus is subject to change without prior notice!

Course Prerequisites: Recommendation in Math Placement Exam.

Course Description (from the Catalog): Trigonometric functions; analytic trigonometry; analytic geometry. Math 104F recommended.

Course Text:

Required: <u>Precalculus</u> *Mathematics for Calculus*, by Stewart, Redlin and Watson, 4th Edition.

Calculators:

A graphing calculator is required; however, no calculators with symbolic algebra capabilities will be allowed during exams, such calculators include the TI-92, TI-89, HP-28 and HP-48.

The Final Examination is Comprehensive

Grading Scale:

Grade	Percentage Interval
A	[90, 100]
B	[80, 90)
C	[70, 80)
D	[60, 70)
F	[0, 60)

Point Distribution:

Exams (not including Final)	50%
Final Exam	10%
Quizzes/homework.	40%

Makeup Policy: There will not be any make-ups for missing exams, for whatever reason. Instead, I will replace your worst grade with your final exam grade. To prepare for these exams, there is no substitute for solving lots of problems.

Groups: You will be assigned to groups, for the purpose of preparing board-work. Almost every day, certain groups will be responsible for preparing problems for presentation out of a list given previously. Each group will be told the day of the presentation which problem they have to put up on the board. If no one from the group is prepared, everyone in the group gets "-1". Otherwise, the presenter gets "2", "1" or "0", depending on the correctness of the solution. There will be enough opportunities for everyone to present at least 4 problems during the semester. Board-work will be required, at my discretion, throughout the semester (including the last week of classes). If the class is small enough the groups will consist of one person and the above grading scheme will be adjusted to allow a limited number of absences (due for example to illness).

Incomplete Policy: This is a temporary grade which the instructor may give to an undergraduate student when illness, necessary absence, or other reasons beyond the control of the student prevent completion of the course requirements by the end of the semester or session. This grade may not be given as a substitute for a failing grade.

<u>Brief Outline of the Course:</u>

I intend to use the following plan to teach this class, but it might be changed at any time.

Chapter 6
Chapter 5
Chapter 7, Sections 7.1-7.6
Chapter 8, Sections 8.1-8.8
Chapter 9

<u>Additional Rules and Suggestions</u>

It is important that students develop consistent study patterns and do class assignments on a regular basis in order to succeed in this course. Class attendance is <u>important</u>. Students should be aware that mathematics is not a spectator sport; in order to be successful in this course, students need to attend class regularly and do all homework problems regularly.

You are not allowed to talk, eat or chew gum in the classroom, since it is disrespectful to others.

If you are late come in **quietly** and sit on the first seat you see available. Do not stay outside! You are accountable for any material you miss by not coming or being late to class.

Notice that any given homework assignment is due during the first 5 minutes of class of the day it is due. No late homework will be accepted. However, I will accept homework early if there are extenuating circumstances and I will drop your worst two homework grades.

If you have a question you are obligated to ask it. If it is relevant to the whole class I will try my best to answer then, if not will try to answer afterwards or guide you to where you can find an answer. Remember I cannot read your minds and thus cannot know your doubts if you do not tell me. I regard the only stupid question those that are left unasked. I also value your opinions and suggestions about my teaching.

When coming to the office or tutor lab hours try to do so with concrete questions, this will help you as well as the person aiding you.

All exams and homework must be written in **PENCIL** or typed, or the will not be graded. You are required to bring a picture ID to all exams; you may be asked to present it at any time during a test.

Cheating will not be tolerated, without exception. No note cards or other aids will be allowed during exams, and their use is considered cheating.

Any student with a documented disability who would like to request accommodations should contact the University Disability Services Office - Campus Center Room 311, 933-0816 (V), 933-3334 (TTY) - as early in the semester as possible.

Advising is a very important resource designed to help students complete the requirements of the University and their individual majors. Students should consult with their advisor at least once a semester to decide on courses, check progress towards graduation, and discuss career options and other educational opportunities provided by UH-Hilo. Advising is a shared responsibility, but students have final responsibility for meeting degree requirements.

Finally remember that Mathematics is a cumulative subject, so do not allow yourself to fall behind.

Mathematics, rightly viewed, possesses not only truth, but supreme beauty.

Bertrand Russell

Mathematics is a dangerous profession; an appreciable proportion of us go mad.

Littlewood