MTH 122 – Precalculus II
Fall 2010

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Office Hours: MW 12–1 (HH 213); TTh 1–3 (OM 429); by appointment; drop in
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Other: Coursepack of class notes available in the bookstore

Course Prerequisite: MTH 121 or equivalent with a C− or better

Course Objectives:
♦ Lay the mathematical foundation for further study in mathematics, basic sciences, or engineering.
♦ Provide a thorough introduction to the theory and applications of trigonometry and systems of equations.
♦ Develop new problem solving skills and enhance critical thinking abilities.

Exams and Grading:
♦ Homework 20%  IMPORTANT: NO EXTRA CREDIT
♦ Exams 1/2/3/4 60%  (15% each**)
♦ Final 20%  12/13/10, 1–3

Homework
♦ Homework may be done in groups (each student must hand in an assignment).
♦ Homework may be an in-class assignment. These can not be made up.
♦ Assigned problems are on a separate handout as well as on my webpage.
♦ Due dates will be announced in class.
♦ You must show your work to receive full credit (where applicable).
♦ Late homework will be penalized/not accepted.
  o Homework will be considered late if not in my office by 3:00 on the due date unless prior arrangements have been made.
  o Homework will not be accepted after the assignment is returned to the class unless prior arrangements have been made.

Exam 1/Exam 2/Exam 3/Exam 4:
♦ Make-up exams will not be possible without prior arrangements—and the reason for missing an exam must be compelling and perhaps more importantly, documented. Exams taken after the scheduled date will be more difficult.
♦ Exams will resemble homework problems and problems done in class.
♦ **You may earn the ability to have your lowest Exam 1–4 grade dropped by submitting additional assigned problems. If you earn an average of 85 or better on theses problems and have taken all four exams, then your lowest grade will be dropped and the remaining three exams will be weighted 20% each.
Additional Problems:

◊ The additional problems are listed at the bottom of the homework handout.
◊ For full credit, the problems must be turned in on Exam 1/2/3/4 days before you take the exam.
◊ Problems turned in on Exam 1/2/3/4 days after the exam will be penalized.
◊ Problems will not be accepted after 3:00 on Exam 1/2/3/4 days.
◊ The grade will be based on completeness and level of effort.
◊ Rationale: one learns mathematics by doing mathematics.

Final Exam:

◊ You will have a formula sheet.
◊ Will be cumulative.

General Philosophy/Attendance:

◊ College prepares you for a professional position.
◊ In the working world, you are responsible for your career and you are accountable for your decisions. For example, class attendance is expected (just as you are expected to go to work), but not required.

Important Dates:

Labor Day, no class September 6, 2010
Last day to add a class September 10, 2010
First Exam September 15, 2010 (subject to change)
Second Exam October 6, 2010 (subject to change)
Fall Break, no class October 15, 2010
Last day to withdraw October 29, 2010
Third Exam October 29, 2010 (subject to change)
Fourth Exam November 19, 2010 (subject to change)
Thanksgiving Break, no class November 26, 2010
Final Exam December 13, 2010, 1–3

Students with Disabilities:

If you need course adaptations or accommodations because of a disability, if you have a medical and/or safety concern to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible