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

Course Objectives:

♦ Lay the mathematical foundation for further study in mathematics, physics, 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% MWF 10:
  MWF 11:

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 1:00 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 12:30 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:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>MLK Day, no class</td>
<td>January 17, 2011</td>
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<tr>
<td>Last day to add a class</td>
<td>January 21, 2011</td>
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<tr>
<td>First Exam</td>
<td>January 26, 2011 (subject to change)</td>
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<tr>
<td>Second Exam</td>
<td>February 16, 2011 (subject to change)</td>
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<tr>
<td>President’s Day, no class</td>
<td>February 21, 2011</td>
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<tr>
<td>Third Exam</td>
<td>March 11, 2011 (subject to change)</td>
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<tr>
<td>Spring Break</td>
<td>March 14–18, 2011</td>
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<tr>
<td>Saint Benedict’s Day, no class</td>
<td>March 21, 2011</td>
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<tr>
<td>Last day to withdraw</td>
<td>March 25, 2011</td>
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<tr>
<td>Fourth Exam</td>
<td>April 8, 2011 (subject to change)</td>
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<tr>
<td>Good Friday, no class</td>
<td>April 22, 2011</td>
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<tr>
<td>Easter Monday, no class</td>
<td>April 25, 2011</td>
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<tr>
<td>Final Exam</td>
<td>MWF 10:</td>
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<td></td>
<td>MWF 11:</td>
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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.