MATH 152

Engineering Math II

Instructor: Amy Austin
Office: 629B Blocker 862-4187
e-mail address: austin@math.tamu.edu
Homepage Address: http://www.math.tamu.edu/~amy.austin/
Office hours: MW: 3:30-5:00

Teaching Assistant:
sections 501-503: Troy Henderson; thenders@math.tamu.edu
sections 510-512: Landon Eskew; leskew@math.tamu.edu

Texts: Calculus: Early Vectors, by Stewart et al, published by Brooks/Cole. The computer laboratory will also use Calclabs with Maple for Stewart’s Calculus.

Content: The first half of this course will cover techniques of integration and applications of integration. The second half of this course covers series and sequences, Taylor Polynomials, three dimensional geometry. The course meets three times per week in lecture and twice per week in recitation. One of your recitation meetings is designed to discuss questions over homework or lecture. The other recitation meets in the computer laboratory where the computer package Maple will be introduced.

Grades: Your grade will be determined by 3 exams, a comprehensive final, and the lab grade as follows: (Percentages may change; decision will be made and announced the first week of class)

Exam I: 15% Thursday, Feb 17; 7:30-9:30pm
Exam II: 15% Thursday, March 24; 7:30-9:30pm
Exam III: 20% Tuesday, April 26; 7:30-9:30pm
Final Exam: 25% Visit: www.tamu.edu/admissions/records/FESSpring2005.htm
Maple: 10%
Lab Quizzes: 10%
Online Homework: 5%

Make-up policy: Make-up exams/quizzes will be given if the exam/quiz is missed for A&M regulation reasons. If you miss a quiz or maple lab, you MUST make up the work within two weeks and present a documented excuse. If you do not make up the work within two weeks, you will receive a grade of zero on that assignment. It is the students responsibility to arrange a make up with the TA.

Scholastic Dishonesty: Students may work together on homework assignments, take home assignments assigned in class and maple assignments, but do not copy another student’s work and do not allow your work to be copied. If you cheat on an assignment or allow a student to cheat off you, both individuals will receive a zero.
Sources of Help!

a.) **Office Hours:** My office door is always open during office hours. If for some reason you cannot attend, please schedule an appointment with me.

b.) **Week in Review:** This term, I will be conducting a weekly Week in Review on Monday nights, 5:30-7:30 pm HELD 109. For those of you that cannot attend, the week in review will also be available online for you to view at your convenience. The problems and videos will be linked here:
http://www.math.tamu.edu/~amy.austin/wirmath152.html

c.) **Help Sessions:** The math department is offering Help Sessions weekly. The details will be announced at a later date.

d.) **Tutor:** As a last resort, hire a private tutor. A list of tutors can be found outside the Math department door, BLOC 601.

e.) **Students with Disabilities:** Contact Support Services for Students with Disabilities (845-1637) if you have a disability and require assistance.