

MATH 152
Engineering Math II
Sections 510-512
TR 9:35-10:50 HELD 111

Instructor: Amy Austin

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Office hours: TR: 3-5 pm, or by appointment.

Teaching Assistant: Patrick Beben (beben@math.tamu.edu)

Texts: *Calculus: Early Vectors*, preliminary edition (hard back), by Stewart et al, published by Brooks/Cole. The computer laboratory will use *Matlab; An Introduction* 3rd edition by Gilat.

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 twice per week in lecture and twice per week in recitation. One of your recitation meetings is designed to discuss questions over homework or lecture and weekly quizzes will be administered here. The other recitation meets in the computer laboratory where the computer package *Matlab* will be introduced. If time permits, I will administer quizzes during lecture. These quizzes will not be announced in advanced, thus it is important you keep up with all assignments and pay attention in lecture.

Common Exams: Common exams are administered in the evening (schedule attached). If you have a class conflict with these exams, you must provide documentation and arrangements will be made for you.

Weekly Quizzes: During the Wednesday recitation meetings, weekly quizzes will be administered which covers the previous weeks material. It is imperative that you stay caught up with the suggested homework:

<http://www.math.tamu.edu/courses/math152/currenthw.html>

Weekly Matlab Assignments: Each week, starting week 2, a matlab assignment will be due. Visit the link below for the schedule:

<http://www.math.tamu.edu/courses/math152/matlabsched.html>

These assignments will be due at the beginning of class. If you are late to lab, a 5% deduction will be taken. This deduction will increase by 10% for each day it is late.

WebAssign: Online homework is required in all math 152 classes. All information on ehmwk can be found here:

<http://www.math.tamu/ehmwk>

Academic Integrity Statement: “An Aggie does not lie, cheat, or steal or tolerate those who do”. I further refer the student to the Honor Council Rules and Procedures on the web at

<http://www.tamu.edu/aggiehonor>

Students with Disabilities: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For more information, visit <http://disability.tamu.edu>

Grades: Your grade will be determined by 3 exams, a comprehensive final, and the lab grade/Online Homework as follows:

- Exam I: ($\frac{1}{6}$ of course grade) R Feb 18 , 7:30-9:30 pm
- Exam II: ($\frac{1}{6}$ of course grade) R Mar 25, 7:30-9:30 pm
- Exam III: ($\frac{1}{6}$ of course grade) T Apr 27, 7:30-9:30 pm
- Final Exam: ($\frac{1}{4}$ of course grade) F May 7, 12:30-2:30 pm
- Matlab: ($\frac{1}{10}$ of course grade)
- Quizzes: ($\frac{1}{10}$ of course grade)
- WebAssign ehmwk: ($\frac{1}{20}$ of course grade)

Make-up policy: No make-ups will be given without written evidence of an official University excused absence. (See *University Student Rules*.) According to Section 7.3 of the *University Student Rules*, for an absence to be considered excused, ‘the student must notify his or her instructor in writing (acknowledged e-mail message is acceptable) prior to the date of absence if such notification is feasible. In cases where advance notification is not feasible, the student must provide notification by the end of the second working day after the absence. This notification should include an explanation of why notice could not be sent prior to the class. “If no such notice is given, the rights to a make-up are forfeited. In addition (and also in accordance with *University Student Rules*), a written excuse must be presented upon return to class. Specifically, in the case of illness or injury, students are required to obtain a confirmation note from a health care professional affirming date and time of a medical office visit regarding the illness or injury and confirming the need of absence before a make-up will be given.

Sources of help: Use it!

1. **Office Hours:** My office hours will be Tuesday/Thursday afternoon, 3-5. If you cannot attend my office hours, send me an e-mail with your available times and we will schedule an appointment.
2. **Week in Review:** Each week, a Week in Review will be conducted by a faculty member. The dates and times will be announced in class and will be linked on my webpage.
3. **Help Sessions:** The Math department offers help sessions for math 152. The dates and times will be announced in class and will be linked on my webpage.
4. **Streaming videos:** <http://www.math.tamu.edu/~amy.austin/wirmath152.html>
5. **Hire a private tutor:** For a list of tutors, go to BLOC 602 and inquire within.