

MATH 151
Engineering Math I
Sections 501-503
TR 2:20-3:35 HELD 113

Instructor: Amy Austin

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Office hours: M: 3-5 pm, T: 11:30-12:30 and 4-5 pm, or by appointment.

Common Course Information: <http://calclab.math.tamu.edu/docs/math151/>

Teaching Assistant: Sofia Ortega; e-mail: ortega@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 Wiley.

Content: This course will cover vectors in two dimensions, differentiation and integration of functions of one variable, and applications. The course meets twice per week in lecture (TR) and twice per week in recitation (MW). The Monday recitation meets in the computer laboratory where the computer package *Matlab* will be introduced. The Wednesday recitation meets in a different room and is designed to discuss questions over homework and weekly quizzes will be administered here.

Common Exams: Engineering Calculus I and II here at A&M use Common Exams in order to establish consistency among sections. These 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://calclab.math.tamu.edu/docs/math151/syllabus/currenthw.html>

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

http://calclab.math.tamu.edu/~dmanuel/calclab/m151/current_assn_matlab.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 151 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 Oct 1, 7:30-9:30 pm

Exam II: ($\frac{1}{6}$ of course grade) R Oct 29, 7:30-9:30 pm

Exam III: ($\frac{1}{6}$ of course grade) T Dec 1, 7:30-9:30 pm

Final Exam: ($\frac{1}{4}$ of course grade) W Dec 16, 1-3 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 Monday and Tuesday 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 151. 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/wirmath151.html>
5. **Hire a private tutor:** For a list of tutors, go to BLOC 602 and inquire within.