

Engineering Mathematics I**Instructor:** Prabir Daripa**Office:** Blocker 629D**Phone Number:** 845-1204**Class Room:** HELD 111**Time:** MWF 9:10 am - 10:00 am**Office Hour:** MF 2:00 pm - 4:00 pm and/or by appointment**Email:** daripa@math.tamu.edu**Homepage:** <http://www.math.tamu.edu/~prabir.daripa/courses/math151-A-fdh.pdf>Also see <http://www.math.tamu.edu/~prabir.daripa/courses/math151-A.html>**Teaching Assistant:** Robert Jacobson

The TA (i.e, Teaching Assistant) will conduct the quizzes and take your questions on Tuesdays and conduct computer labs on Thursdays as per following schedule. Please note that schedule is based on the course section you belong to.

525	T 8 : 00 – 8 : 50	ENPH 212	R 8 : 00 – 8 : 50	BLOC 126
526	T 11 : 10 – 12 : 00	ZACH 104A	R 11 : 10 – 12 : 00	BLOC 130
527	T 3 : 55 – 4 : 45	FRAN 151	R 3 : 55 – 4 : 45	BLOC 126

First Day of Class: M 14th Jan**Last Day of Class:** T 29th April**Spring Break:** 10th March - 14th March

Textbooks: Calculus: Early Vectors, preliminary edition (hard back), by Stewart et al, published by Brooks/Cole. The computer laboratory will use Maple: *Calclabs with Maple for Stewart's ...* by Philip Yaaskin et. al. You can get Maple for \$55 at the SELL in Teague. Info at <http://calclab.math.tamu.edu/maple/adoption/>

Content: This course will cover vectors in two dimensions, differentiation and integration of functions of one variable, and applications. The course meets three times per week in lecture (MWF) and twice per week in recitation (TR). 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 Maple will be introduced. These quizzes will not be announced in advance, thus it is important you keep up with all assignments and pay attention in lecture. There will also be on-line homeworks that you can do at your convenience by connecting to the web: <http://www.math.tamu.edu/~epstein/eHW> There will be a due date for each on-line homework that you can find on this website. Maple assignments + quizzes + on-line homeworks, all three together counts 25% of the total grade.

Syllabus: For tentative weekly schedule, see the appropriate link by going to <http://calclab.math.tamu.edu/docs/math151>. There are lots of information at this link on lab, past exams, etc. which you should look at.

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 (see the schedule below). If you have a class conflict with these exams, you must provide documentation and arrangements will be made for you. Common exams will be given in RICH 106 (This is the Petroleum Engg. Bldg).

Grades: Your grade will be determined by 3 exams, a comprehensive final, and the lab

(Maple+Quizzes+Online Homework) grade as follows:

Exam I:	15%	Th Feb14, 7 : 30 – 9 : 30pm
Exam II:	15%	Th Mar20, 7 : 30 – 9 : 30pm
Exam III:	20%	T April22, 7 : 30 – 9 : 30pm
Final Exam:	25%	M May5, 8 : 00 – 10 : 00am
Maple+Quizzes+On-line homeworks:	25%	

Your letter grade for the semester will be A, B, C, or D, for averages of minimum 90%, 80%, 70%, or 60%, respectively.

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.

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 the Department of Student Life, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845-1637.

Sources of help: Use it!

1. **NeoEmail:** You should check your NeoEmail on a regular basis as I will be sending emails to you all, if necessary, to your Neoaccount during the semester.
2. **Week in Review:** Each week, Joe Kahlig will conduct a Week-In-Review (WIR for short) every Monday (excluding the week of spring break) from 7.15 pm - 9.15 pm BLOC 102. Questions covered that night will be posted at this link <http://www.math.tamu.edu/kahlig/151WIRpage.html>
Students are highly encouraged to take full advantage of this extra help. Note that success on common exams requires LOTS of practice. This is one resource for you to obtain extra practice in order to master the material.
3. **Help Sessions:** The Math department offers help sessions for Math 151. See <http://www.math.tamu.edu/teaching/helpsession/> for more information.
4. **Hire a private tutor:** For a list of tutors, go to BLOC 601 and inquire within.