

Math 2417.004
12150

SYLLABUS
Calculus I

Fall 2005
11-11:50 am JO3.516

Instructor: D. L. Lewis Office: ECSN2.510 Phone: 972.883.6037 E-mail: dlewis@utdallas.edu
Office Hours: 2-3 pm MW, or by appointment

Resource: Math Learning Center MC 2.412 (library) Phone: 972.883.6707
Hours: MTWR 10am-8pm, FS 10am-2pm. Individual tutorials are available by appointment.

Problem Sections: Concurrent enrollment in one of the following problem sections is mandatory.
Tue. 2407.308 (12910) 11-12:50 CB1.116
Wed. 2407.310 (12912) 3-4:50 CB 1.112
Thur. 2407.312 (12914) 2-3:50 SOM 2.107

Textbook: Calculus, 7th ed. Larson, Hostetler, Edwards. Student solution manual is available.

Course Description: This is a fast paced course supplying the student with an understanding of the foundations of calculus as well as a proficiency in the techniques of differentiation and integration. Applications of calculus focus on selected scientific and engineering problems.

Calculators: A scientific calculator is recommended. Graphing calculators, programmable calculators, or calculators with non-numeric displays are **not allowed** on quizzes or exams. Cheating, in any form, will not be tolerated. Anyone that violates the tenets set out in the academic integrity code will be punished in accord with the university disciplinary code.

Ground Rules: Be punctual. Turn **OFF** all electronic communication devices. Participation in class is encouraged, however, please raise your hand to speak and avoid having side conversations with your classmates.

Assignments: Homework exercises consist of odd-numbered problems that have solutions in the back of the text. The assignments are intended to supply adequate practice for mastery of the concepts presented in each section. You should challenge yourself by attempting some of the even-numbered problems of like kind. Homework will not be collected.

Grade: The course grade is determined from the following:

Three Major Exams:	100 pts each, see schedule for dates
10 Quizzes:	25 pts each, one per week during non-exam weeks
Comprehensive Final Exam:	200 pts, Fri Dec 2 7-9:45 CN1.112 or JO3.516

Each quiz will be administered during the problem section. Each major exam will occur during regular class time but possibly in a different classroom. You will be notified of any change of venue prior to the date of the exam. Final exams are not returned to the student but are available for review for one year. No make-up quizzes or exams will be given.

Grade calculation: The course grade is based on a percentage of 500 possible points. The final exam contributes 200 points, or, 40% of the grade. The remaining 300 points are derived from the three major exams and the quiz total. The quiz total is the best 8 quiz scores scaled to a percent of 100 points (the lowest 2 quiz scores are dropped). The best 3 scores from the quiz total and 3 major exams comprise the remaining 60% of the course grade.

Example: Ex1=89, Ex2=75, Ex3=82, (QzTot)/2=94, Final=168. The exam 2 score is dropped
 Course percent $= (168+89+82+94)/5 = 86.6$, course grade ... B⁺

Grade Scale	[96.6,100]...A+	[93.3,96.6)....A	[90,93.3)....A-
	[86.6,90)....B+	[83.3,86.6)....B	[80,83.3)....B-
	[76.6,80)....C+	[73.3,76.6)....C	[70,73.3),....C-
	[66.6,70)....D+	[63.3,66.6)....D	[60,63.3)....D-
	[0 ,60).....F		

Quiz and Exam scores will be posted on Webct. To access your grades, go to website webct.utdallas.edu, (or access the UTD home page www.utdallas.edu, select current students, then select the Webct icon.). You will need the Unix log on id and password assigned to you at registration. If you do not know your id, go to netid.utdallas.edu and follow the instructions.