Lecture Sections

Section	Course Number	Location	Days	Time	Instructor
2417.001	25985	CB3 1.306	TR	10:00am-11:15am	Mohammad
2417.002	25986	FO 1.502	TR	11:30am-12:45pm	Mohammad
2417.003	26507	JO 3.516	TR	10:00am-11:15am	Samanmalee
2417.004	26220	FO 1.502	TR	2:30pm-3:45pm	Mohammad
2417.005	26328	FO 1.502	TR	4:00pm-5:15pm	Mohammad
2417.006	27402	FO 1.502	TR	8:30am-9:45am	Samanmalee

Instructor Information

Instructor	Phone	Office	E-Mail	Office Hours
Mohammad Ahsan	972-883-6336	FO 2.410F	Mohammad.Ahsan@utdallas.edu	TR (1:15pm - 2:15pm)+by appt.
Samanmalee Foley	972-883-6318	FO 2.604A	samanmalee.foley@utdallas.edu	TR (2:15pm - 2:15pm)+by appt.

Problem Sections and TAs

Section	Course Number	Location	Days	Time	TA	NetID
301	25987	FN 2.204	M	8:00am-9:50am	TBA	TBA
302	26221	FN 2.204	W	8:00am-9:50am	TBA	TBA
303	25988	CB3 1.314	M	10:00am-11:50am	TBA	TBA
304	26222	CB3 1.310	W	10:00am-11:50am	TBA	TBA
305	26062	CB3 1.304	M	1:00pm-2:50pm	TBA	TBA
306	26063	CB1 1.106	W	1:00pm-2:50pm	TBA	TBA
307	26818	CB1 1.106	M	8:00am-9:50am	TBA	TBA
308	26819	CB1 1.106	W	8:00am-9:50am	TBA	TBA
309	26508	CB3 1.310	M	10:00am-11:50am	TBA	TBA
310	26509	CB3 1.314	W	10:00am-11:50am	TBA	TBA
311	26510	SLC 1.202	M	1:00pm-2:50pm	TBA	TBA
312	26820	CB3 1.304	W	1:00pm-2:50pm	TBA	TBA
313	27508	CB1 1.102	M	8:00am-9:50am	TBA	TBA

General Course Information

Pre-requisite	A minimal placement score 75% on ALEKS math placement exam or a grade of at least a C- in MATH 2312 or an equivalent course.
Co-requisite	(i) Students must be enrolled in the MATH 2417 exam section, which is section 701. Section 701 only meets on exam weeks, not every week. (ii) Students must be enrolled in a MATH 2417 problem section, which are MATH 2417 sections 3XX (daytime) or 8XX (nighttime). Problem sections meet every week.
Course Description	Functions, limits, continuity, differentiation; integration of function of one variable; logarithmic, exponential, and inverse trigonometric functions; techniques of integration, and applications.
Learning Objectives/ Outcomes	(i) Students will be able to formulate real world problems into mathematical statements. • Given a narrative description of a problem that lends itself to mathematical analysis, the student will clearly define any variable quantities introduced and provide an appropriate equation, function, or formula relating those variables. (ii) Students will be able to develop solutions to mathematical problems at the level appropriate to the course. • Given a limit statement of indeterminate form, the student will be able to apply appropriate algebraic or calculus based techniques to compute the limit. • The student will be able to evaluate an indefinite or definite integral of a continuous function. (iii) Students will be able to describe or demonstrate mathematical solutions either numerically or graphically. • Students will provide numerical results in a prescribed manner, as a percent, an interval, or with specified accuracy. • Students will provide a sketch of a function which exhibits characteristics determined via calculus based operations.

Recommended Texts	Calculus Tenth Edition, written by Larson and Edwards, published by Brooks/Cole/Cengage. (http://coursebook.utdallas.edu/math/2417.701/term_17s?)
Online Homework	Weekly online homework assignments will be posted in WebAssign. You need to purchase access to this online homework system.
UTD E-mail	Your official UTD E-mail address will be used regularly to send you important course information.
Additional Resources	The UTD Math Lab: (http://www.utdallas.edu/studentsuccess/mathlab/)

Academic Calendar

Please refer to the the UTD academic calendar (http://www.utdallas.edu/academiccalendar/) for important dates, such as university closings and withdrawal deadlines.

Exam Information

The exams will not be during lecture time. Following are the date and time for the exams. Your instructor will provide the location of your exams during lecture.

Exam	Date	Time	Location
Exam I	Thursday, February 16	8:30pm-9:45pm	TBA
Exam II	Thursday, March 30	8:30pm-9:45pm	TBA
Final Exam	Thursday, May 04	8:00pm-10:45pm	TBA

Additional Notes

- Failure to show all work and steps in the solution of a problem may result in reduced or zero credit.
- The use of any electronic communications device during class is prohibited.
- Calculators are not allowed in quizzes and exams.
- Failure to regularly check the course in eLearning site is not an excuse.
- The descriptions and timelines contained in this syllabus are subject to change at the discretion of the instructor.

Make-Up Policy

Extensions and make-ups are available only in the case of university-approved circumstances, such as official UTD business and medical emergencies. When applicable, you must make arrangements with your instructor at least one week in advance.

Tentative Weekly Schedule

Week	Monday	Textbook Sections	Homework	Quiz	THQ	Exam	No Classes
1	01/09	1.1, 1.2, 1.3					
2	01/16	1.4, 1.5, 2.1	HW01	QUIZ01	THQ01		M (Martin Luther King Day)
3	01/23	2.2, 2.3, 2.4	HW02	QUIZ02	THQ02		
4	01/30	2.5, 2.6, 3.1	HW03	QUIZ03	THQ03		
5	02/06	3.2, 3.3, 3.4	HW04	QUIZ04	THQ04		
6	02/13	3.5, 3.7	HW05	QUIZ05	THQ05	EXAM01	
7	02/20	3.9, 4.1	HW06				
8	02/27	4.2, 4.3	HW07	QUIZ06	THQ06		
9	03/06	4.4, 4.5, 5.1	HW08	QUIZ07	THQ07		
10	03/13	–					MTWRF (Spring-Break)
11	03/20	5.2, 5, 3, 5.4	HW09	QUIZ08	THQ08		
12	03/27	5.5, 5.6	HW10	QUIZ09	THQ09	EXAM02	
13	04/03	5.7, 8.1, 8.2	HW11				
14	04/10	8.3, 8.4, 8.5	HW12	QUIZ10	THQ10		
15	04/17	8.7, 7.1, 7.2	HW13	QUIZ11	THQ11		
16	04/24	Review	HW14	QUIZ12	THQ12		
17	05/01	–				EXAM03	TR (Reading & Exam Days)

Grading Information

THQs	Weekly THQs (Take-Home Quizzes) will be assigned. You must download, print-off, complete and staple the THQs. THQs will be posted Tuesday morning in eLearning. THQs must be turned in at the beginning of problem section. It is not possible to turn-in THQs at any other place or time. You will receive a zero for a missed THQ. THQs will not be accepted if they are late, missing a staple or missing a name. Your THQ average will be obtained by dropping your lowest two THQ scores and averaging the rest. Your THQ average will count as 10% of your course grade.
Homework	Homework will be completed out of class using an Internet-based homework system. You will receive a zero for a missed homework. Homework will be due Tuesday nights at 11:59pm. Your homework average will be obtained by dropping your lowest two homework scores and averaging the rest. Your homework average will count as 10% of your course grade.
Quizzes	Weekly quizzes will be given during problem section. You will receive a zero for a missed quiz. Your quiz average will be obtained by dropping your lowest two quiz scores and averaging the rest. Your quiz average will count as 10% of your course grade.
Exams	There will be two midterm exams and one comprehensive final exam. You will receive a zero for a missed exam. The final exam cannot be skipped. Each midterm exam will count as 20% of your course grade. The final exam will count as 30% of your course grade.
Grade Scale	A+ $[96.66, \infty)$ A $[93.33, 96.66)$ A− $[90, 93.33)$ B+ $[86.66, 90)$ B $[83.33, 86.66)$ B− $[80, 83.33)$ C+ $[76.66, 80)$ C $[73.33, 76.66)$ C− $[70, 73.33)$ D+ $[66.66, 70)$ D $[63.33, 66.66)$ D− $[60, 63.33)$ F $(-\infty, 60)$

Example

	thq grade	hw grade	quiz grade	exam 01	exam 02	exam 03
Grade	81	91	85	72	86	83
Weight	0.10	0.10	0.10	0.20	0.20	0.30
Course Percent	$0.10 * 81 + 0.10 * 91 + 0.10 * 85 + 0.20 * 72 + 0.20 * 86 + 0.30 * 83 = 82.20\%$					
Course Garde	B−					

Official UTD Policies

Further information about official UTD policy is available at the following link, and that information is considered to be part of this syllabus. http://coursebook.utdallas.edu/syllabus-policies/