Lecture Sections

Section	Course Number	Location	Days	Time	Instructor
2417.001	20377	Online	TR	10:00am - 11:15am	Mohammad
2417.002	20531	Online	TR	11:30am - 12:45pm	Kristen
2417.003	20499	Online	TR	1:00pm - 2:15pm	Mohammad
2417.004	20446	Online	TR	2:30pm - 3:45pm	Mohammad

Instructor Information

Instructor	Phone	Office	E-Mail	Office Hours
Mohammad Ahsan	972-883-6336	FO 2.410F	mkahsan@utdallas.edu	TR:(11:30am - 12:30pm) + by appt.
Kristen Wetzler	972-883-3962	FO 3.611	Kristen.Wetzler@utdallas.edu	W: (11:00am - 1:00pm) + by appt.

General Course Information

Pre-requisite	A minimal placement score 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. 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, 11th Edition, written by Larson and Edwards, published by Cengage Learning. (https://coursebook.utdallas.edu/math/2417/701/term_20s?)
Online Homework	Weekly online homework assignments will be posted in WebAssign. You need to purchase access to this online homework system.
eLearning	(i) You must check the eLearning course page regularly. (ii) Course assignments and the gradebook will be available through eLearning.
UTD E-mail	Your official UTD E-mail address will be used regularly to send you important course information.
Additional Resources	Peer Tutoring: (https://www.utdallas.edu/studentsuccess/help-with-courses/)

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.

Tentative Weekly Schedule

Week	Monday	Textbook Sections	Homework	Quiz	THQ	Exam	No Classes
01	01/13	1.1, 1.2, 1.3					
02	01/20	1.4, 1.5, 2.1	HW01	QUIZ01	THQ01		M (Martin Luther King Day)
03	01/27	2.2, 2.3, 2.4	HW02	QUIZ02	THQ02		
04	02/03	2.5, 2.6, 3.1	HW03	QUIZ03	THQ03		
05	02/10	3.2, 3.3, 3.4	HW04	QUIZ04	THQ04		
06	02/17	3.5, 3.7	HW05	QUIZ05	THQ05	EXAM01	
07	02/24	3.9, 4.1	HW06				
08	03/02	4.2, 4.3	HW07	QUIZ06	THQ06		
09	03/09	4.4, 4.5, 5.1	HW08	QUIZ07	THQ07		
10	03/16	–					MTWRF (Spring-Break)
11	03/23	–					MTWRF (Spring-Break)
12	03/30	5.2, 5.3, 5.4	HW09	QUIZ08	THQ08		
13	04/06	5.5, 5.6	HW10	QUIZ09	THQ09	EXAM02	
14	04/13	5.7, 5.8, 8.1	HW11				
15	04/20	8.2, 8.3, 8.4	HW12	QUIZ10	THQ10		
16	04/27	8.5, 7.1, 7.2	HW13	QUIZ11	THQ11	EXAM03	

Exam Information

Exam	Date	Time	Location
Exam I	Thursday, Feb 20	8:30pm-9:45pm	HH 2.402
Exam II	Thursday, Apr 09	8:00pm-10:00pm	Online
Final Exam	Saturday, May 02	8:00pm-11:15pm	Online

Grading Information

THQs	Weekly THQs (Take-Home Quizzes) will be assigned. It will be posted Tuesday morning in eLearning and will be due in eLearning, next Wednesday (after about 8 days) at 1:00pm. You will receive a zero for a missed THQ. 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 Monday 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 posted in eLearning at the end of your online problem session. You will need to submit your completed quiz in eLearning within 1 hour after it is posted. 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−					

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.

Additional Notes

- Failure to show all work and steps in the solution of a problem may result in reduced or zero credit.
- 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.

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. https://go.utdallas.edu/syllabus-policies