Summer 2024, Math-2417, Calculus I Version: May 28, 2024

Section	Course Number	Location	Days	Time
2417.0U1	50106	CB 1.219	MW	10:00am-12:15pm

Instructor Information

Instructor	Phone	Office	E-Mail	Office Hours
Nasrin Sultana	972-883-3963	FO 3.611	Nasrin.Sultana@UTDallas.edu	MW 12:30pm-1:30pm

Problem Sections and TA

Section	Course Number	Location	Days	Time	TA	E-Mail
2417.3U1	50113	CB1.218	M	03:00pm-05:15pm	Soufianie Abbadi Ismail Alabbadi	Soufianie.Abbadi@UTDallas.edu Ismail.Alabbadi@utdallas.edu

General Course Information

Pre-requisite	A minimal placement score on ALEKS math placement exam or a grade of at least a C- in MATH 2306 or MATH 2312 or an equivalent course.
Co-requisite	Students must be enrolled in the MATH 2417 problem sections which is Math 2417.3U1. 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/term_19u?)
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	Math Lab: (https://www.utdallas.edu/studentsuccess/help-with-courses/)

Academic Calendar

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

Exam Information

Exam	Date	Time	Location
Exam 01	Monday, June 24	10:00am-11:30am	CB 1.219
Exam 02	Wednesday, July 17	10:00am-11:30am	CB 1.219
Final	Wednesday, August 07	10:00am-12:15pm	CB 1.219

Tentative Weekly Schedule							
Week	Monday	Textbook Sections	DHW	Quiz	PHW	Exam	No Classes
01	05/29 (W)	1.2, 1.3					M (Memorial Day)
02	06/03	1.4, 1.5, 2.1, 2.2, 2.3	DHW01	QUIZ01	PHW01		
03	06/10	2.4, 2.5, 2.6, 3.1, 3.2	DHW02	QUIZ02	PHW02		
04	06/17 (M)	3.3,3.4, Review	DHW03	QUIZ03	PHW03		W (Juneteenth Day)
05	06/24	3.5, 3.7, 3.9				Exam01	
06	07/01	4.1, 4.2, 4.3, 4.4, 4.5	DHW04	QUIZ04	PHW04		Th (Independence Day)
07	07/08	5.1, 5.2, 5.3, 5.4, 5.5	DHW05	QUIZ05	PHW05		
08	07/15	5.5, 5.6, Review	DHW06		PHW06	Exam02	
09	07/22	5.7, 5.8, 8.1, 8.2		QUIZ06			
10	07/29	8.3, 8.4. 8.5	DHW07	QUIZ07	PHW07		
11	08/05	7.1, 7.2, Review	DHW08	QUIZ08	PHW08	Final	

Grading Information

PHWs	Weekly Paper Homework (PHWs) will be posted on eLearning MATH 2417.0U1 on each Monday morning and will be due on Monday at 11:59pm of following week. You must download or print-off the PHW and write your solutions on the space provided, scan it, and upload it on eLearning before it is due. You must show all of your work to earn full credit. Only a subset of assigned problems on PHW will be graded. No late PHW will be accepted. Power outage, internet outage, eLearning malfunction, and other unexpected circumstances may occur at any time, so we suggest you plan to submit each PHW at least 24 hours before it is due. You will receive a zero for a missed PHW. Your PHW average will be obtained by dropping your lowest PHW score and averaging the rest. Your PHW average will count as 10% of your course grade.
DHWs	Weekly Digital Homework (DHW) will be made available on WebAssign every Monday morning and will be due Monday at 11:59pm of the following week. To access DHW, you must log in to eLearning on MATH 2417.0U1 homepage and click on the link "Access WebAssign". You will receive a zero for a missed DHW. Your DHW average will be obtained by dropping your lowest homework score and averaging the rest. Your DHW 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 quiz score 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.
Attendance	Attendance will be measured. Your attendance record may be considered when assigning your final course grade.

Grade Scale

A+	[96.66, ∞)	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	(−∞, 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 makeups 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.

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/