

Course Sections

Section	Location	Days	Time
2419.001	SCI 2.235	TR	08:30am-09:45am
2419.002	FO 2.208	TR	10:00am-11:15am
2419.003	SCI 2.235	TR	02:30pm-03:45pm
2419.004	SCI 2.225	TR	01:00pm-02:15pm

Instructor Information

Instructor	Phone	Office	E-Mail	Office Hours
Mohammad Ahsan	972-883-6336	FO 2.410F	mkahsan@utdallas.edu	TR (12:00pm-12:50pm) & By Appt.

General Course Information

Pre-requisite	A grade of C- or better in MATH 2417.
Co-requisite	(i) Enrollment in one of the problem sections 2419.3XX is mandatory (ii) Enrollment in the exam section 2419.701 is mandatory.
Course Description	The course covers improper integrals, sequences, infinite series, power series, parametric equations and polar coordinates, vectors, vector valued functions, functions of several variables, partial derivatives and multiple integration.
Learning Objectives/ Outcomes	(i) Students will be able to formulate real world problems into mathematical statements. (ii) Students will be able to develop solutions to mathematical problems at the level appropriate to the course. (iii) Students will be able to describe or demonstrate mathematical solutions either numerically or graphically.
Recommended Texts	Calculus, 11th Edition, written by Larson and Edwards, published by Cengage Learning.
Calculators	Calculators, cellphones, computers, tablets or any other electronic devices are not allowed on quizzes and exams.
eLearning	(i) You must check the eLearning course page regularly. (ii) Course assignments and the grade-book 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	(i) Peer Lead Team Learning (PLTL): (http://www.utdallas.edu/studentsuccess/help-with-courses/peer-led-team-learning/) (ii) Supplemental Instructions: (https://studentsuccess.utdallas.edu/supplemental-instruction/)

Tentative Weekly Schedule

Week	T	Textbook Sections	R	Textbook Sections	Problem Sections (W or F)
1	01/21	11.1, 11.2	01/23	11.3	REVIEW, NO QUIZ, NO HW
2	01/28	11.4	01/30	11.5	11.1, 11.2, 11.3, QUIZ 02, HW 02 DUE
3	02/04	7.4, 10.2	02/06	10.3	11.4, 11.5 , QUIZ 03, HW 03 DUE
4	02/11	10.4	02/13	10.5	7.4, 10.2, 10.3, QUIZ 04, HW 04 DUE
5	02/18	12.1, 12.2	02/20	12.3, 12.4	10.4, 10.5, NO QUIZ, HW 05 DUE
6	02/25	No Class	02/27	12.5	12.1, 12.2, 12.3, 12.4, QUIZ 06, HW 06 DUE
7	03/04	13.1, 13.3	03/06	13.5	12.5, QUIZ 07, HW 07 DUE
8	03/11	13.6, 13.7	03/13	13.8	13.1, 13.3, 13.5, QUIZ 08, HW 08 DUE
9	03/18	Spring Break	03/20	Spring Break	NO CLASS
10	03/25	13.10	03/27	14.1	13.6, 13.7, 13.8, QUIZ 10, HW 10 DUE
11	04/01	14.2, 14.3	04/03	14.5	13.10, 14.1, NO QUIZ, HW 11 DUE
12	04/08	8.8	04/10	9.1	14.2, 14.3, 14.5, QUIZ 12, HW 12 DUE
13	04/15	9.2	04/17	9.3	8.8, 9.1, QUIZ 13, HW 13 DUE
14	04/22	9.4	04/24	9.5	9.2, 9.3, QUIZ 14, HW 14 DUE
15	04/29	9.6	05/01	9.8	9.4, 9.5, QUIZ 15, HW 15 DUE
16	05/06	9.9	05/08	9.10	9.6, 9.8, QUIZ 16, HW 16 DUE

Exam Information

Exam	Date	Time	Location
Exam I	Friday, Feb 21	8:30pm-9:45pm	SCI 1.220
Exam II	Friday, Apr 04	8:30pm-9:45pm	SCI 1.220
Final Exam	Monday, May 12	7:00pm-9:45pm	SCI 1.220

Grading Information

Homework	Homework assignments will constitute 20% of your course grade. 10 highest scores will be scaled to 100%. Homework will be posted on eLearning each Tuesday and will be due the following Tuesday in eLearning. No exceptions.					
Quizzes	Quizzes will constitute 20% of your course grade. 10 highest scores will be scaled to 100%. Each quiz will be administered during the problem section and will be returned to you at the next meeting of your problem section. Quiz will be administered at the end of the problem section. In order to take the quiz, you have to be present the whole duration of the problem section. No exceptions.					
Exams	There will be two midterm exams and one comprehensive final exam. You will receive a zero for a missed exam. Each exam will count as 20% of your course grade. Final exam is not returned to the student but is held for review for one year.					
Grade Scale	A+	[96.66, 100]	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	[0, 60)				
Example		hw grade	quiz grade	exam 01	exam 02	exam 03
	Grade	94	92	78	88	90
	Weight	0.20	0.20	0.20	0.20	0.20
	Course Percent	$(94 + 92 + 78 + 88 + 90) * 0.20 = 88.40\%$				
	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.
- Attendance and participation in class are encouraged, expected and recommended.
- The use of any electronic communications device during class is prohibited.
- The descriptions and timelines contained in this syllabus are subject to change at the discretion of the instructor.

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.

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/>