

Course Syllabus

Fall 2016

Calculus II

84308	MATH 2419.001 TR	01:00pm-02:15am	GR2.302	FOLEY
84309	MATH 2419.002 TR	11:30am-12:45pm	GR3.302	FOLEY
84793	MATH 2419.003 TR	02:30pm-03:45pm	GR2.530	FOLEY
84471	MATH 2419.301 F	08:00am-09:50am	CB1 1.102	Shi Yu
84794	MATH 2419.302 F	10:00am-11:50am	SLC2.202	Shi Yu
84795	MATH 2419.303 F	01:00pm-02:50pm	CB1 1.106	Sijie Shen
84589	MATH 2419.304 F	03:00pm-04:50pm	CB1 1.106	Sijie Shen
86642	MATH 2419.305 F	010:00am-11:50am	FO 1.202	Vrushaly Shinglot

Instructor Information

Instructor: Dr. Samanmalee Foley
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Office hours: T/TH 10:00-11 :00 am
Contact preference: email

Course Pre-requisites, Co-requisites, and/or Other Restrictions

Prerequisite: A grade of C- or better in MATH 2417.

Co-requisites: Enrollment in one of the problem sections 2419.30X is **mandatory**.
Enrollment in the exam section 2419.701 is **mandatory**.

During problem section, the TA will:

- review class material and relevant material from prerequisite courses
- return and discuss quizzes, homework assignments and exams
- work problems, or have students work problems
- entertain questions
- **administer quizzes**
- **collect homework assignments**

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.

Student Learning Objectives/Outcomes

- (1) Students will be able to formulate real world problems into mathematical statements.
- (2) Students will be able to develop solutions to mathematical problems at the level appropriate to each course.
- (3) Students will be able to describe or demonstrate mathematical solutions either numerically or graphically.

Required Textbooks, Materials and Additional Resources

- **Textbook:** Printed version: *Calculus, Tenth Edition*, by Larson and Edwards, published by Brooks/Cole/Cengage.
- **Calculators:** Calculators, cellphones, computers, tablets or any other electronic devices are not allowed on quizzes and exams.

Schedule (subject to change).

Wk	T	Textbook Sections	R	Textbook Sections	Prob Sec
1	8/23	11.1, 11.2	8/25	11.3	QUIZ 1 (Review of CALC I)
2	8/30	11.4	9/1	11.5, 10.2	QUIZ 2
3	9/6	10.2, 10.3	9/8	10.4, 10.5	QUIZ 3
4	9/13	10.5, 12.1	9/15	12.2, 12.3	QUIZ 4
5	9/20	12.3, 12.4	9/22	12.5, 13.1	QUIZ 5
6	9/27	13.1, 13.3	9/29		NO QUIZ (Exam on Friday)
7	10/4	13.4, 13.5	10/6	13.6, 13.7	QUIZ 7
8	10/11	13.7, 13.8	10/13	13.10	QUIZ 8
9	10/18	14.1	10/20	14.2, 14.3	QUIZ 9
10	10/25	14.3, 14.4	10/27	14.5, 8.8	QUIZ 10
11	11/1	8.8	11/3		NO QUIZ (Exam on Friday)_

12	11/8	9.1,9.2	11/10	9.3	QUIZ 12
13	11/15	9.4	11/17	9.5	QUIZ 13
14	Thanksgiving break				
15	11/29	9.6, 9.8	12/1	9.9	QUIZ 15
16	12/6	9.10	12/1		

Grade Policy

The course grade is determined from the following:

Weights:	20%	Quizzes scaled to 100%
	20%	Homework scaled to 100%
	60%	Midterm and Final Examinations together (20% + 20% +20%)
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	

- Homework assignments will constitute 20% of your course grade. There will be 14 homework assignments. The lowest four scores will be dropped, and the remaining 10 scores will be scaled to 100%.
- Quizzes will constitute 20% of your course grade. There will be 12 quizzes. The lowest three scores will be dropped, and the remaining nine 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.
- Major examinations will constitute 60% of your course grade.
Midterm 1: Friday, 9/30/2016, 8:30 – 09:45pm
Midterm 2: Friday 11/4/2016, 8:30 – 09:45pm
Final Examination:
- Final examination is not returned to the student but is held for review for one year.

Course & Instructor Policies

Attendance: Highly recommended.

Citizenship: Any action that disturbs your classmates or interrupts the lecture is unacceptable. Examples of such actions are:

- Entering the classroom late - be as punctual as possible.
- Leaving the classroom before break or before the end of lecture.
- Cell phones, ringers, buzzers, beepers, alarms, blackberries - turn them off unless you are a member of an emergency response team.

An apology is expected from anyone creating such a disturbance.

Student participation in class is desired, however, please raise your hand to speak and avoid having side conversations with your classmates.

There will be **no extra credit**.

Exam/Quiz/Homework policies

- (a) There will be no make-up quizzes.
 - (b) There will be no make-up homework assignments.
 - (b) There will be no make-up exams unless the circumstances are extraordinary.
 - (c) Exams and quizzes are closed book, without notes, and without calculators.
 - (d) **SHOW ALL WORK** on quizzes and exams. Unsupported answers are considered miracles and, however inspirational, will receive little or no credit. Graded quizzes and major exams will be returned to you as soon as possible. Any document not picked up by the end of finals week will be destroyed.
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Official UTD Policies

<http://coursebook.utdallas.edu/syllabus-policies/>

This policies are considered to be a part of this syllabus.