

## Course Syllabus

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Fall 2015	MATH 2419			Calculus II	
84254	MATH 2419.001	TR	10:00am-11:15am	GR 3.302	Anatoly Eydelzon
84255	MATH 2419.002	TR	11:30am-12:45pm	FO 2.702	Anatoly Eydelzon
84770	MATH 2419.003	TR	02:30pm-03:45pm	GR 2.530	Anatoly Eydelzon
84425	MATH 2419.301	F	08:00am-09:50am	CB1 1.106	Roger Ranomenjanahary
84771	MATH 2419.302	F	10:00am-11:50am	CB1 1.106	Roger Ranomenjanahary
84772	MATH 2419.303	F	01:00pm-02:50pm	CB1 1.102	Pedro Perez-Nagera
84548	MATH 2419.304	F	03:00pm-04:50pm	CB1 1.102	Pedro Perez-Nagera
86316	MATH 2419.306	F	10:00am-11:50am	FN 2.104	Sijie Shen
84424	MATH 2419.701				

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### Instructor Information

Instructor: Dr. Anatoly Eydelzon  
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Office hours: TR 01:00pm – 02:00pm or by appointment  
Contact preference: email

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### 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**

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### 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.

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## 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, Hostetler and Edwards, published by Brooks/Cole/Cengage.
- **Calculators:** Calculators, cellphones, computers, tablets or any other electronic devices are not allowed except as required by written documentation from the university.

**Schedule** (subject to change). Examination weeks are in **red**.

Wk	T	Textbook Sections	R	Textbook Sections	Prob Sec
1	8/25	11.1, 11.2	8/27	11.2, 11.3	QUIZ 1 (Review of CALC I)
2	9/1	11.4, 11.5	9/3	11.5	QUIZ 2
3	9/8	10.2, 10.3	9/10	10.4, 10.5	QUIZ 3
4	9/15	12.1, 12.2	9/17	12.2, 12.3	QUIZ 4
5	9/22	12.4	9/24	12.5	QUIZ 5
6	9/29	13.1	10/1	13.3	No quiz
7	10/6	13.4, 13.5	10/8	13.5, 13.6	QUIZ 7
8	10/13	13.7, 13.8	10/15	13.8, 13.10	QUIZ 8
9	10/20	14.1, 14.2	10/22	14.2, 14.3	QUIZ 9
10	10/27	14.4	10/29	14.4, 14.5	QUIZ 10
11	11/3	8.8	11/5	9.1	No quiz
12	11/10	9.2, 9.3	11/12	9.3, 9.4	QUIZ 12
13	11/17	9.5	11/19	9.6	QUIZ 13
14	11/24	Fall break	11/26	Thanksgiving holidays	No problem sec this week
15	12/1	9.8	12/3	9.9	QUIZ 15
16	12/8	9.7, 9.10			No problem sec this week

## 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 13 homework assignments. The lowest three scores will be dropped, and the remaining scores will be scaled to 100%.
- Quizzes will constitute 20% of your course grade. There will be 12 quizzes. The lowest score will be dropped, and the remaining 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: Thursday, 10/01/2015, 8:30 – 10:00pm  
Midterm 2: Thursday, 11/05/2015, 8:30 – 10:00pm  
Final Examination: TBA
- 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:

- (a) Entering the classroom late - be as punctual as possible.
- (b) Leaving the classroom before break or before the end of lecture.
- (c) 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.

**Official UTD Policies**

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

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