

## Course Syllabus

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### Summer 2016

### Calculus II

52051	MATH 2419.0U1	MW	03:00pm-05:15pm	JSOM 11.206	EYDELZON
52098	MATH 2419.8U1	M	05:30pm-07:45pm	GR 3.302	RUIKAI CAO
52099	MATH 2419.8U2	M	05:30pm-07:45pm	ATC 1.305	ANANI K. ADABRAH

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### Instructor Information

Instructor: Dr. Anatoly Eydelzon  
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Campus Mail: Mail Stop FO 35  
Office hours: MW1:00pm – 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 2419.8U1 or 2419.8U2 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 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). Examination weeks are in red.

Wk	M	LECTURE	LAB	W	LECTURE
1	5/23	11.1, 11.2, 11.3	QUIZ 1 11.1, 11.2, 11.3	5/25	11.4, 11.5
2	5/30	Memorial Day	Memorial day	6/1	10.2, 10.3
3	6/6	10.4, 10.5	QUIZ 3, HW 3 DUE 11.4, 11.5, 10.2, 10.3, 10.4	6/8	12.1, 12.2
4	6/13	12.3, 12.4	QUIZ 4, HW 4 DUE 10.5, 12.1, 12.2, 12.3	6/15	12.5, 13.1
5	6/20	Midterm 1	NO QUIZ, HW 5 DUE 12.4, 12.5, 13.1	6/22	13.3, 13.4
6	6/27	13.5, 13.6	QUIZ6, HW 6 DUE 13.3, 13.4, 13.5, 13.6	6/29	13.7, 13.8
7	7/4	Independence Day	Independence Day	7/6	13.10, 14.1
8	7/11	14.2, 14.3	QUIZ 8, HW 8 DUE 13.7, 13.8, 13.10, 14.1	7/13	14.4, 14.5
9	7/18	Midterm 2	NO QUIZ, HW 9 DUE 14.2, 14.3, 14.4, 14.5, 8.8	7/20	8.8, 9.1, 9.2
10	7/25	9.3, 9.4, 9.5	QUIZ 10, HW 10 DUE 9.1, 9.2, 9.3, 9.4	7/27	9.6, 9.8
11	8/1	9.9, 9.10, 9.7	QUIZ 11, HW 11 DUE 9.5, 9.6, 9.8	8/3	EXTRA LAB 9.9, 9.10, 9.7
12	8/8	Final Examination	NO LAB		

## 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 eight homework assignments. The lowest three scores will be dropped, and the remaining five scores will be scaled to 100%.
- Quizzes will constitute 20% of your course grade. There will be seven quizzes. The lowest two scores will be dropped, and the remaining five 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: Monday, 6/20/2016, during the class time
  - Midterm 2: Monday, 7/18/2016, during the class time
  - Final Examination: Monday, 8/8/2015, during the class time
- 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.