

Course Syllabus

Summer 2016

Calculus I

52049	MATH 2417.0U1	MW	10:00am-12:15pm	JSOM 12.214	EYDELZON
52095	MATH 2417.3U1	T	10:00am-12:15pm	JSOM 12.214	FRANCIS ADJEI
52096	MATH 2417.3U2	T	10:00am-12:15pm	SLC 2.302	HUAN ZHANG

Instructor Information

Instructor: Dr. Anatoly Eydelzon
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Office hours: MW1:00pm – 02:00pm or by appointment
Contact preference: email

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

Prerequisite: A minimal placement score 75% on ALEKS math placement exam or a grade of at least a C- in [MATH 2312](#) or an equivalent course.

Co-requisites: Enrollment in one of the problem sections 2417.3U1 or 2417.3U2 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

Functions, limits, continuity, differentiation; integration of function of one variable; logarithmic, exponential, and inverse trigonometric functions; techniques of integration, and applications.

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	T	LAB	W	LECTURE
1	5/23	1.1, 1.2, 1.3	5/24	1.1, 1.2, 1.3	5/25	1.4, 1.5
2	5/30	Memorial Day	5/31	QUIZ 2, HW 2 DUE 1.4, 1.5	6/1	2.1, 2.2
3	6/6	2.3, 2.4	6/7	QUIZ 3, HW 3 DUE 2.1, 2.2, 2.3, 2.4	6/8	2.5, 2.6
4	6/13	3.1, 3.2	6/14	QUIZ 4, HW 4 DUE 2.5, 2.6, 3.1, 3.2	6/15	3.3, 3.4, 3.5
5	6/20	Midterm 1	6/21	NO QUIZ, HW 5 DUE 3.3, 3.4, 3.5	6/22	3.7, 3.9
6	6/27	4.1, 4.2	6/28	QUIZ 6, HW 6 DUE 3.7, 3.9, 4.1, 4.2	6/29	4.3, 4.4, 4.5
7	7/4	Independence Day	7/5	QUIZ 7, HW 7 DUE 4.3, 4.4, 4.5	7/6	5.1, 5.2, 5.3
8	7/11	5.3, 5.4, 5.5	7/12	QUIZ 8, HW 8 DUE 5.1, 5.2, 5.3, 5.4, 5.5	7/13	5.6, 5.7, 8.1
9	7/18	Midterm 2	7/19	NO QUIZ, HW 9 DUE 5.6, 5.7, 8.1	7/20	8.2, 8.3, 8.4
10	7/25	8.4, 8.5	7/26	QUIZ 10, HW 10 DUE 8.2, 8.3, 8.4, 8.5	7/27	8.6, 8.7
11	8/1	7.1, 7.2, 7.4	8/2	QUIZ 11, HW 11 DUE 8.6, 8.7, 7.1	8/3	EXTRA LAB 7.2, 7.4
12	8/8	Final Exam				

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 ten homework assignments. The lowest two scores will be dropped, and the remaining eight scores will be scaled to 100%.
- Quizzes will constitute 20% of your course grade. There will be eight quizzes. The lowest three 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, 8/8/2016, 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.