Course Syllabus

Spring 2017   Calculus II

25996	MATH 2419.001	TR	10:00am-11:15am	GR 3.420	EYDELZON
25997	MATH 2419.002	TR	08:30am-09:45am	JSOM 1.110	EYDELZON
26001	MATH 2419.003	TR	02:30pm-03:45pm	GR 3.420	EYDELZON
26066	MATH 2419.004	TR	04:00pm-05:15pm	JO 3.516	EYDELZON
26223	MATH 2419.005	TR	11:30am-12:45pm	ECSS 2.410	FOLEY
27403	MATH 2419.006	TR	01:00pm-02:15pm	FO 2.208	FOLEY
25998	MATH 2419.301	W	08:00am-09:50am	SLC 2.302	TBA
25999	MATH 2419.302	W	08:00am-09:50am	SLC 2.304	TBA
26000	MATH 2419.303	W	10:00am-11:50am	CB1 1.102	TBA
26224	MATH 2419.304	W	10:00am-11:50am	CB1 1.106	TBA
26155	MATH 2419.305	W	01:00pm-02:50pm	SLC 1.202	TBA
26067	MATH 2419.306	W	01:00pm-02:50pm	FN 2.202	TBA
26068	MATH 2419.307	W	03:00pm-04:50pm	FN 2.106	TBA
26069	MATH 2419.308	W	03:00pm-04:50pm	FN 2.104	TBA
26070	MATH 2419.309	W	08:00am-09:50am	FN 2.104	TBA
26225	MATH 2419.310	R	08:00am-09:50am	FO 2.404	TBA
26241	MATH 2419.311	R	08:00am-09:50am	CB1 1.106	TBA
26815	MATH 2419.312	W	03:00pm-04:50pm	CB1 1.102	TBA
27510	MATH 2419.313	W	10:00am-11:50am	FN 2.104	TBA
27512	MATH 2419.314	F	01:00pm-02:50pm	CB3 1.302	TBA
26002	MATH 2419.701				

Instructor Information

Instructor: Dr. Anatoly Eydelzon
Office: FO 2.108
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Office hours: T/TH 01:00pm – 02:00pm or by appointment
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Instructor: Dr. Samanmalee Foley
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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 2419.3XX 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). Examination weeks are in red.

Wk	T	Textbook Sections	R	Textbook Sections	Prob Sec
1	1/10	11.1, 11.2	1/12	11.3	QUIZ 1 (Review of CALC I)
2	1/17	11.4	1/19	11.5	QUIZ 2, HW 2 DUE
3	1/24	7.4, 10.2	1/26	10.3	QUIZ 3, HW 3 DUE
4	1/31	10.4	2/02	10.5	QUIZ 4, HW 4 DUE
5	2/07	12.1, 12.2	2/09	12.3, 12.4	QUIZ 5, HW 5 DUE
6	2/14	12.4, 12.5	2/16	13.1, 13.3	NO QUIZ, HW 6 DUE
7	2/21	13.3, 13.4	2/23	13.5, 13.6	QUIZ 7, HW 7 DUE
8	2/28	13.6, 13.7	3/02	13.8	QUIZ 8, HW 8 DUE
9	3/07	13.1	3/09	14.1, 14.2	QUIZ 9, HW 9 DUE
10	3/14	Spring break	3/16	Spring break	
11	3/21	14.2, 14.3	3/23	14.4, 14.5	QUIZ 11, HW 11 DUE
12	3/28	8.8	3/30	9.1	NO QUIZ, HW 12 DUE
13	4/04	9.2	4/06	9.3	QUIZ 13, HW 13 DUE
14	4/11	9.4	4/13	9.5	QUIZ 14, HW 14 DUE
15	4/18	9.6	4/20	9.8	QUIZ 15, HW 15 DUE
16	4/25	9.9	4/27	9.7, 9.10	QUIZ 16, HW 16 DUE

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 13 quizzes. The lowest three scores will be dropped, and the remaining ten 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, 2/17/2016, 8:30 – 09:45pm
    - Midterm 2: Friday, 3/31/2016, 8:30 – 09:45pm
    - Final Examination: Wednesday, 5/3/2016 , 02:00-04:45pm
- 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.