2013f-MATH-1325, Applied Calculus I				VERSION: Monday 26th August, 2013 12:31
Section	Call No.	Course Meeting Times	ClassRoom	Instructor
1325.001	87166	TR 10:00am–11:15am	CB3 1.302	Patel
1325.002	87167	TR 10:00am–11:15am	FO 2.702	Kehoe
1325.003	87399	TR 11:30am–12:45pm	FO 2.410	Patel
1325.005	87398	TR 1:00pm–2:15pm	JO 4.102	Stanford
1325.007	87975	TR 2:30pm–3:45pm	FO 2.410	Carcea
1325.009	87976	TR 4:00pm–5:15pm	JSOM 1.117	Carcea
1325.010	89163	TR 4:00pm–5:15pm	FO 2.410	Stanford
1325.501	87977	TR 5:30pm–6:45pm	GR 2.530	Stanford
1325.701	87400	W 7:00pm–8:15pm F 5:00pm–7:45pm	TBA in lecture	Examination

Instructor Information

Instructor	Phone	Office	E-mail	Office Hours
Dr. Marcel Carcea	972-883-2161	FO 2.602	mdc090020@utdallas.edu	TR: 11:30am–12:30pm
Dr. Joselle Kehoe	214-570-0869	FA 2.106	jxk061000@utdallas.edu	TR: 11:30am–1:00pm
Dr. Jigar Patel	972-883-6589	FO 2.104	Jigarkumar.patel@utdallas.edu	TR: 12:50pm-1:50pm, 3:00–4:00pm
Dr. Paul Stanford	972-883-4143	FA 2.412	Paul.Stanford@utdallas.edu	W 4:00–5:00pm, TR 2:30–3:30pm

General Course Information

Pre-requisite	C- or better in **MATH 1314** or an equivalent course.
Co-requisite	Students must be enrolled in the **MATH 1325** exam section, which is section 701. Section 701 only meets on the exam weeks, not every week.
Course Description	Course topics include algebra review, functions and graphs, differentiation, maxima and minima, exponential and logarithmic functions, and integration.
Recommended Texts	*Calculus with Applications 10th Edition*, by Lial, Greenwell and Ritchey, published by Pearson.
Required Supplies	1. Students must purchase MyMathLab access code. An electronic version of the textbook is included. 2. A stapler is required for take-home quizzes. 3. A non-programmable, non graphic scientific calculator may be used on quizzes and exams. Calculators which can compute derivatives and/or integrals (such as some Casio brand calculators) are strictly prohibited.
eLearning	1. You must check the eLearning course page regularly. 2. Course assignments and the gradebook will be posted through eLearning. `https://elearning.utdallas.edu`
UTD E-mail	Your official UTD E-mail address will be used to send you important course information. *You must check your official UTD E-mail address regularly and make sure your inbox is not full.*
Additional Resources	The UTD Math Lab is located in the library **MC 3.606**. **Fall 2013** UTD Math Lab Hours: Mon-Thu 10:00am-8:00pm, Fri-Sat 10:00am-4:00pm. `http://www.utdallas.edu/GEMS/mathlab/index.html`

Tentative Course Outline

Week	Monday	Sections and Days Off	Exam	THQ Due	Digital HW. Due	Quiz
1	08/26	R.1, R.2, R.3				
2	09/02	*Labor Day*, R.4, 2.1, 2.3		THQ1(09/03)	DHW1(09/03)	Q1(09/05)
3	09/09	R.6, R.7, 2.4, 2.5		THQ2(09/10)	DHW2(09/10)	Q2(09/12)
4	09/16	*Review*, 3.1, 3.2	I (09/18)			
5	09/23	3.3, 3.4, 4.1		THQ3(09/24)	DHW3(09/24)	Q3(09/26)
6	09/30	4.2, 4.3		THQ4(10/08)	DHW4(10/08)	Q4(10/10)
7	10/07	*Review*, 4.4	II (10/09)			
8	10/14	4.5, R.5, 5.1		THQ5(10/15)	DHW5(10/15)	Q5(10/17)
9	10/21	5.2, 5.3		THQ6(10/22)	DHW6(10/22)	Q6(10/24)
10	10/28	6.1, 6.2		THQ7(10/29)	DHW7(10/29)	Q7(10/31)
11	11/04	*Review*, 6.6	III (11/06)			
12	11/11	6.4, 6.5		THQ8(11/12)	DHW8(11/12)	Q8(11/13)
13	11/18	7.1, 7.4		THQ9(11/19)	DHW9(11/19)	Q9(11/21)
14	11/25	Fall Break / Thanksgiving				
15	12/02	7.2, *Review*		THQ10(12/03)	DHW10(12/03)	Q10(12/05)
16	12/09	*Review*	Final (12/13)	THQ11(12/10)	DHW11(12/10)	

Exam Information

The exams ***will not be during lecture time***. **First, Second and Third midterms** are scheduled on **Wednesday** evenings and **Final exam** is scheduled on **Friday** evening during the exam section `MATH 1325.701` *for* ***all*** *lecture sections*. Your instructor will provide the location of your exams *during lecture*.

Exam	Name	Date	Starting Time	Location
First Exam	`exam_01`	Wednesday, Sep. 18	7:00pm	TBA in lecture
Second Exam	`exam_02`	Wednesday, Oct. 09	7:00pm	TBA in lecture
Third Exam	`exam_03`	Wednesday, Nov. 06	7:00pm	TBA in lecture
Final Exam	`Final`	Friday, Dec. 13	5:00pm	TBA in lecture

Important Dates

Sept. 11	Census day; Last day to drop without record.
Sept. 12 – Oct. 31	Students may withdraw from a class with signature and receive **W**.
Oct. 08 - Oct. 31	**WL** period, with signature of instructor and advisor.
Nov. 01 or later	Students may withdraw from a class for non academic reasons only.

Grading Information

Take-Home Quizzes (THQs)	Take home quizzes will be posted on eLearning every Thursday by midnight, except for Thursdays before the exam weeks. THQs are to be completed outside of class. You must download, print, complete, and staple THQs. THQs must be submitted at the beginning of the lecture on the following Tuesday. THQs will not be accepted if they are late, missing a staple or missing a name. You will receive a zero for a missed THQ. Your THQ average will be obtained by dropping the lowest two scores and averaging the remaining scores. The THQ average will count as 10% of your course grade.
Digital Homework (DHWs)	Digital homework will be completed outside of class using an Internet-based homework system. You will receive a zero for a missed homework. Your DHW average will be obtained by dropping your two lowest scores and averaging the remaining scores. The DHW average will count as 10% of your course grade.
Quizzes	The quizzes will be taken during lecture every **Thursday** at the end of the class, except for the exam weeks. You will receive a zero for a missed quiz. Your quiz average will be obtained by dropping your two lowest quiz scores and averaging the rest and will count as 10% of your course grade.
Exams	There will be **3** exams (not including the final exam). You will receive zero for a missed exam. Exams cannot be dropped or replaced with other assignments.
Value of Exams	Three exams are weighted as follows. 1. The lowest score is worth 10% of your course grade. 2. The second best score is worth 15% of your course grade. 3. The best of all three score is worth 20% of your course grade.
Final Exam	There will be a comprehensive final exam. The final exam cannot be dropped or replaced with other assignments. The final exam is 25% of your course grade.
Attendance	Attendance is required and will be taken.
Grade Scale	$A+: [96.66, 100]$ $A: [93.33, 96.66)$ $A-: [90, 93.33)$ $B+: [86.66, 90)$ $B: [83.33, 86.66)$ $B-: [80, 83.33)$ $C+: [76.66, 80)$ $C: [73.33, 76.66)$ $C-: [70, 73.33)$ $D+: [66.66, 70)$ $D: [63.33, 66.66)$ $D-: [60, 63.33)$ $F: [0, 60)$
Example	Here is an example of how to compute your course grade.

`thq_average`	hw_average	`quiz_average`	`exam_01`	`exam_02`	`exam_03`	`Final`
71	85	83	89	81	91	90

Course Percent	$7.1 + 8.5 + 8.3 + 13.35 + 8.1 + 18.2 + 22.5 = 86.05\%$
Course Grade	B

Student Learning Objectives/Outcomes

1	Students will be able to formulate real world problems into mathematical statements.
2	Students will interpret a narrative description of a situation and set up variables and relationships needed to determine a solution.
3	Students will be able to develop solutions to mathematical problems at the level appropriate to this course, i.e., apply the principles and techniques of differential and integral calculus.
4	Students will be able to describe or demonstrate mathematical solutions either numerically or graphically.

Additional Information About Textbook
The minimum, student will need to purchase is the access code for MyMathLab related to the course text, as that includes access to the e-book. For further information contact the campus bookstore.

Option	ISBN	Description
MyMathLab access code only	ISBN-10:032119991X ISBN-13:9780321199911	This option contains full text in ebook form, and access to homework.
MyMathLab access code packaged with the loose leaf text	ISBN-10:0321759540 ISBN-13:9780321759542	This option contains full text in ebook form, loose leaf textbook and access homework.
MyMathLab access code packaged with the hard-cover text	ISBN-10:0321760026 ISBN-13:9780321760029	This option contains full text in ebook form, hard cover textbook and access homework.

Make-Up Policy
Extensions and make-ups are available only in the case of university-approved circumstances, such as official UTD business and medical emergencies. When applicable, you must make arrangements with your instructor *at least one week in advance*.

Additional Notes
Failure to demonstrate all work and steps in the solution of a problem may result in zero credit for the problem.
The use of any electronic communications device during examinations or classes is *prohibited*.
Failure to regularly check the course eLearning site is not an excuse.
Failure to check and maintain your UTD email is *not an excuse*.
The description and timelines contained in this syllabus are subject to change at the discretion of the instructor.

Official UTD Policies
Further information about UTD policies is available at the following link, and that information is considered to be part of this syllabus. `http://http://coursebook.utdallas.edu/syllabus-policies/`

First time login guideline for MyMathLab
1. On the eLearning course homepage, click Pearson MyLab/Mastering 2. Click MyMathLab Course Home at the top. 3. Read the terms, and click the I Accept button. 4. A) If you do not already have an account with MyMathLab, click the Create button. Follow the screen prompts to set up an account. Make sure to use your UTD email address for your username, for example, abc099000@utdallas.edu. You will be given 3 options: a. Enter an access code b. Pay for access now c. Request temporary access B) If you already have an account, enter your Username and Password, and click Sign In 5. When your registration is complete, click Go to Your Course to enter the MyMathLab course. 6. On your subsequent return to eLearning, you only need to repeat steps 1 and 2 above to enter the MyMathLab course.