2017-Fall-MATH-1325, Applied Calculus I				VERSION: Monday 21st August, 2017 09:48
Section	Call No.	Course Meeting Times	ClassRoom	Instructor
1325.001	85308	TR 8:30am–9:45am	CB3 1.302	Ali
1325.002	85309	TR 10:00am–11:15am	FO 2.702	Li
1325.003	85448	TR 11:30am–12:45pm	FO 2.404	Li
1325.004	85738	TR 1:00pm–2:15pm	GR 3.302	Stanford
1325.005	85447	TR 2:30pm–3:45pm	FO 1.502	Ali
1325.007	87212	TR 8:30am–9:45am	CB3 1.312	Hooton
1325.008	85740	TR 10:00am–11:15am	FO 1.502	Rice
1325.009	87213	TR 11:30am–12:45pm	FO 2.208	Norwood
1325.010	85635	TR 1:00pm–2:15pm	FO 1.502	Ding
1325.011	86335	TR 2:30pm–3:45pm	CB3 1.312	Ding
1325.012	86336	TR 4:00pm–5:15pm	FO 2.208	Paudel
1325.013	87539	TR 4:00pm–5:15pm	FO 2.404	Miller
1325.501	85543	TR 5:30pm–6:45pm	FO 2.404	Miller
1325.502	85741	TR 5:30pm–6:45pm	FO 2.208	Paudel
1325.701	85449	See exam information below.	See exam information below.	Examination

Instructor Information

Instructor	Phone	Office	E-mail	Office Hours
Ahmed Ali		FA 2.106	axa094420@utdallas.edu	
Hui Ding		FA 2.106	hxd162130@utdallas.edu	TR 11:45am–12:45pm
Edward Hooton		FO 2.408	exh121730@utdallas.edu	MW 10:00am–11:00am
Changsong Li	972-883-6034	FO 2.108	cxl109120@utdallas.edu	TR 1:00pm–2:00pm
James Miller		FA 2.106	jwm170630@utdallas.edu	TR 7:00pm–8:00pm
John Norwood	972-883-5124	FN 3.118C	jxn142530@utdallas.edu	TR 10:00am–11:15am
Ajaya Paudel		FA 2.106	abp062000@utdallas.edu	TR 3:00pm–4:00pm
David Rice	972-883-5124	FN 3.118C	dxr143630@utdallas.edu	TR 11:30am–12:30pm
Paul Stanford		FO 2.402A	phs031000@utdallas.edu	TR 11:30am–12:30pm

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 11th 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. **MyMathLab must be accessed through eLearning.** 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 Student Success Center offers a variety of services for Math 1325 students. They offer: Peer Led Team Learning sessions (**PLTL**); Supplemental Instruction sessions (**SI**); and weekly reviews, exam reviews, and walk-in tutoring (**Peer Tutoring-Math**). Check their website for additional information. **http://www.utdallas.edu/studentsuccess/help-with-courses/**

Exam Information

The exams will not be during lecture time. Examinations for all classroom sections are managed through the examination section, MATH 1325-701, on the dates and times below.

Exam	Name	Date	Starting Time	Location
First Exam	`Exam 01`	Monday, 9/25	8:30pm–10:00pm	TBA
Second Exam	`Exam 02`	Monday, 10/30	8:30pm–10:00pm	TBA
Final Exam	`Final`	Friday, 12/08	5:00pm–7:45pm	TBA

Tentative Course Outline

Week	Monday	Sections and Days Off	Exam	THQ Due (TUE)	DHW Due (WED)	Quiz (THU)
1	8/21	R.1, R.2, R.3				
2	8/28	R.4, 2.1, 2.3		THQ1	DHW1	Q1
3	9/04	*Labor Day*, R.6, R.7, 2.4, 2.5		THQ2	DHW2	Q2
4	9/11	2.5, 3.1, 3.2		THQ3	DHW3	Q3
5	9/18	3.3, 3.4 *Review*		THQ4	DHW4	Q4
6	9/25	4.1, 4.2, 4.3	MON(9/25)			
7	10/02	4.3, 4.4, 4.5		THQ5	DHW5	Q5
8	10/09	4.5, R.5, 5.1, 5.2		THQ6	DHW6	Q6
9	10/16	5.2, 5.3		THQ7	DHW7	Q7
10	10/23	6.1, *Review*		THQ8	DHW8	Q8
11	10/30	6.2, 6.6, 12.7	MON(10/30)			
12	11/06	12.7, 6.4, 6.5		THQ9	DHW9	Q9
13	11/13	7.1, 7.4		THQ10	DHW10	Q10
14	11/20	Fall Break / Thanksgiving				
15	11/27	7.2, *Review*		THQ11	DHW11	Q11
16	12/04	*Review*	FRI(12/08)	THQ12	DHW12	

Grading Information

Take-Home Quizzes (THQs)	Take home quizzes will be posted on eLearning. 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**. 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 15% of your course grade.
Exams	You will receive zero for a missed exam. Exams cannot be dropped or replaced with other assignments.
Value of Exams	The semester exams are weighted as follows. The lowest score is worth 15% of your course grade. The highest score is worth 25% of your course grade. (This weighting is to your advantage.)
Final Exam	There will be a comprehensive final exam. The final exam cannot be dropped or replaced with other assignments. The final exam is worth 25% of your course grade.
Attendance	Attendance is required and will be taken.
Grade Scale	$A+: [97,100]$ $A: [94,97)$ $A-: [90,94)$ $B+: [87,90)$ $B: [84,87)$ $B-: [80,84)$ $C+: [77,80)$ $C: [74,77)$ $C-: [70,74)$ $D+: [67,70)$ $D: [64,67)$ $D-: [60,64)$ $F: [0,60)$
Example	Here is an example of how to compute your course grade.

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

Course Percent	$7.1 + 8.5 + 12.45 + 22.25 + 12.15 + 22.5 = 84.95$
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, or follow the Pearsons link on eLearning.

Option	ISBN	Description
MyMathLab access code only	ISBN-10:032119991X ISBN-13:9780321199911	This option contains full text in ebook form, and access to online homework.
MyMathLab access code packaged with the loose leaf text	ISBN-10:0133886840 ISBN-13:9780133886849	This option contains full text in ebook form, loose leaf textbook and access to online homework.
MyMathLab access code packaged with the hard-cover text	ISBN-10:0321979427 ISBN-13:9780321979421	This option contains full text in ebook form, hard cover textbook and access to online 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*.

Students must collect graded material in a timely manner.

The description and timelines contained in this syllabus are subject to change at the discretion of the instructor.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the Universitys policies and procedures segment of the course syllabus. Please go to

http://go.utdallas.edu/syllabus-policies/ for these policies.

First time login guideline for MyMathLab

MyMathLab must be accessed through eLearning.

1. Log into eLearning, and select **MATH1325.701-Applied Calculus I**
2. On the eLearning course homepage, click Pearson MyLab/Mastering
3. Click MyMathLab Course Home at the top.
4. Read the terms, and click the I Accept button.
5. 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
6. When your registration is complete, click Go to Your Course to enter the MyMathLab course.
7. On your subsequent return to eLearning, you only need to repeat steps 1 and 2 above to enter the MyMathLab course.