2016U-MATH-1325, Applied Calculus I				VERSION: Wednesday 25$^{\text{th}}$ May, 2016 06:22
Section	Call No.	Course Meeting Times	ClassRoom	Instructor
1325.5U1	52043	TR 5:30pm–7:45pm	GR 3.302	Li

Instructor Contact Information				
Instructor	Phone	Office	E-mail	Office Hours
Changsong Li	972-883-6034	FO 2.108	cxl109120@utdallas.edu	TR 4:30–5:30 pm

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. **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 Math Lab is located in the library **MC 3.606**. **Summer 2016** UTD Math Lab Hours: Mon 11:00am-7:00pm, Tue-Fri 11:00am-5:00pm and Sat-Sun Closed. Weekly review for MATH 1325 by Math Lab: Tuesday 11:30am-12:45pm. Check their website for more information. http://www.utdallas.edu/GEMS/mathlab/index.html

Exam Information			
Exam	Date	Starting Time	Location
Exam I	Tuesday, Jun. 21	5:00pm	In Class
Exam II	Tuesday, Jul. 19	5:00pm	In Class
Final Exam	Tuesday, Aug. 09	5:00pm	In Class

Important Dates	
Jun. 02	Census day; Last day to drop without record.
Jun. 03 - Jun. 16	Students may withdraw from a class with signature and receive **W**.
Jun. 17 - Jul. 11	**WL** period, with signature of instructor and advisor.
Jul. 12 or later	Students may withdraw from a class for non-academic reasons only.

Tentative Course Outline					
Week	Monday	Sections and Days Off	THQ Due (TUE)	Digital HW. Due (WED)	Quiz (THU)
1	5/23	R.1, R.2, R.3, R.4			
2	5/30	2.1, 2.3, R.6, R.7	THQ1	DHW1	Q1
3	6/06	2.4, 2.5, 3.1, 3.2	THQ2	DHW2	Q2
4	6/13	3.3, 3.4, *Review*	THQ3	DHW3	Q3
5	6/20	**Exam I**, 4.1, 4.2			
6	6/27	4.3, 4.4, 4.5, R.5	THQ4	DHW4	Q4
7	7/04	5.1, 5.2, 5.3, 6.1	THQ5	DHW5	Q5
8	7/11	6.2, 6.6, *Review*	THQ6	DHW6	Q6
9	7/18	**Exam II**, 6.4, 6.5			
10	7/25	7.1, 7.4, 7.2	THQ7	DHW7	Q7
11	8/01	*Review*	THQ8	DHW8	Q8
12	8/08	**Final Exam**			

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**. 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 your one lowest score 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 one lowest score 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 one lowest score and averaging the remaining scores. The Quiz average 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	
$A+$: $[96.66, 100]$ 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	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-10:0321759540 ISBN-13:9780321759542	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-10:0321760026 ISBN-13:9780321760029	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.
We do not permit open carrying in any classrooms, exam rooms or office hours.
The description and timelines contained in this syllabus are subject to change at the discretion of the instructor.

First time login guideline for MyMathLab
MyMathLab must be accessed through eLearning.

1. Log into eLearning, and select **MATH 1325.5U1 - Applied Calculus I - Su16**
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.