

MATH 1325 APPLIED CALCULUS I
Syllabus-Spring 2021

Class Information			
Section	Meeting Times	Instructional Mode	Instructor
MATH 1325.001	TR 8:30am - 9:45am	ONLINE	Jigar Patel
MATH 1325.002	TR 10:00am - 11:15am	ONLINE	Anani Komla Adabrah
MATH 1325.003	TR 11:30am - 12:45pm	ONLINE	Paul Stanford
MATH 1325.004	TR 1:00pm - 2:15pm	ONLINE	Jigar Patel
MATH 1325.005	TR 2:30pm - 3:45pm	ONLINE	Paul Stanford
MATH 1325.006	TR 4:00pm - 5:15pm	ONLINE	Anani Komla Adabrah
MATH 1325.008	TR 10:00am - 11:15am	ONLINE	Jigar Patel
MATH 1325.501	TR 5:30pm - 6:45pm	ONLINE	Changsong Li
MATH 1325.7w1	M 7:00pm - 8:30pm		Jigar Patel

Instructor Information				
Instructor	Phone	Office	E-mail@utdallas.edu	Office Hours
Anani Komla Adabrah	972-883-3959	FN 3.118B	AnaniKomla.Adabrah	By appointment
Changsong Li	972-883-6034	FO 2.108	Changsong	By appointment
Jigar Patel	972-883-3965	FO 2.410(E)	Jigarkumar.Patel	TR:11:45am-12:45pm, & by appointment
Paul Stanford	972-883-4143	FO 2.402A	Paul.Stanford	TR:1:15pm-1:45pm, & by appointment

Course Modality and Expectations			
Section	Instructional Mode	Course Platform	Asynchronous Learning Guidelines
MATH 1325.001	ONLINE	eLearning Collaborate	Lecture videos with captions will be posted on the course homepage for asynchronous learning.
MATH 1325.002	ONLINE	Microsoft Teams	Lecture videos with captions will be posted on the course homepage for asynchronous learning.
MATH 1325.003	ONLINE	eLearning Collaborate	Lecture videos with captions will be posted on the course homepage for asynchronous learning.
MATH 1325.004	ONLINE	eLearning Collaborate	Lecture videos with captions will be posted on the course homepage for asynchronous learning.
MATH 1325.005	ONLINE	eLearning Collaborate	Lecture videos with captions will be posted on the course homepage for asynchronous learning.
MATH 1325.006	ONLINE	Microsoft Teams	Lecture videos with captions will be posted on the course homepage for asynchronous learning.
MATH 1325.008	ONLINE	eLearning Collaborate	Lecture videos with captions will be posted on the course homepage for asynchronous learning.
MATH 1325.501	ONLINE	Microsoft Teams	Lecture videos with captions will be posted on the course homepage for asynchronous learning.

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 7w1. Section 7w1 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	<i>Calculus with Applications 11th Edition</i> , by Lial, Greenwell and Ritchey.
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 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. <i>You must check your official UTD E-mail address regularly and make sure your inbox is not full.</i>
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/

Tentative Course Outline					
Week	Monday	Sections and Days Off	PHW Due (TUE)	DHW Due (WED)	Quiz Due (THU)
1	1/18	R.1, R.2, R.3			
2	1/25	R.4, 2.1, 2.3	PHW1	DHW1	Q1
3	2/01	R.6, R.7, 2.4, 2.5	PHW2	DHW2	Q2
4	2/08	3.1, 3.2	PHW3	DHW3	Q3
5	2/15	3.3, 3.4, <i>Review</i>	PHW4	DHW4	Q4
6	2/22	4.1, 4.2, 4.3			
7	3/01	4.4, 4.5	PHW5	DHW5	Q5
8	3/08	R.5, 5.1, 5.2	PHW6	DHW6	Q6
9	3/15	Spring Break			
10	3/22	5.3, <i>Review</i>	PHW7	DHW7	Q7
11	3/29	6.1, 6.2			
12	4/05	6.4, 6.5	PHW8	DHW8	Q8
13	4/12	6.6, 12.6	PHW9	DHW9	Q9
14	4/19	12.7, 7.1	PHW10	DHW10	Q10
15	4/26	7.4, 7.2	PHW11	DHW11	Q11
16	5/03	<i>Review</i>	PHW12	DHW12	Q12

Students Learning 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.

Course Policy & Grading Scheme

1. Paper Homework Assignments (PHWs):

- ↔ A pdf file of weekly homework(PHW) will be posted each week on eLearning. You can print the pdf of PHW, write your solutions in the space provided. If printer is not available, write the solutions on separate sheets of paper. Be sure to write your name, lecture section number clearly. Scan PHW as a single pdf and upload it on elearning every Tuesday on or before 11:59 pm.
- ↔ PHW received after the deadline will get a zero.
- ↔ You must show all of your work to earn full credit. Correct answers without sufficient supporting work will receive no or reduced credit.
- ↔ You may ask questions about PHW to your instructor.
- ↔ Only a subset of assigned problems will be graded. You will not be told in advance which ones.

2. Digital Homework Assignments (DHWs):

- ↔ Digital homework will be completed outside of class using an Internet-based homework system.
- ↔ You will receive a zero for a missed DHW.

3. Quizzes:

- ↔ There are weekly quizzes given weekly except for exam weeks.
- ↔ The weekly quizzes will be posted in Math1325.7w1 course homepage at 7:00pm every Thursday.
- ↔ Be sure to write your name and lecture section number clearly. Scan your work for the quiz as a single pdf using your cell phone and upload it in Math1325.7w1 on eLearning by 8:00pm.

4. **Mid-Term Exams:**

↔ There will be two midterm examinations. See Important Dates for examination dates.

5. **Final Exam:**

↔ Comprehensive, but somewhat more emphasis will be placed on later material.

6. **Participation:**

↔ Regular class participation is expected regardless of course modality. Students who fail to participate in class regularly are inviting scholastic difficulty. Successful participation is defined as consistently adhering to University requirements, as presented in this syllabus. Failure to comply with these University requirements is a violation of the Student Code of Conduct.

7. **Paperwork Uploading Instructions:**

↔ For instructions on how to upload PHWs, quizzes, and an exams on elearning, watch the following YouTube video

<https://www.youtube.com/watch?v=arcHpX6zH5Y&=&t=18s>

8. **CLASSROOM RECORDINGS:**

↔ The instructor may record meetings of this course. Any recordings will be available to all students registered for this class as they are intended to supplement the classroom experience. Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the Office of Student AccessAbility has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the Student Code of Conduct.

9. **LATE/MISSED COURSEWORK:**

↔ There is no make-up for late or missed assignments or exams, unless extreme circumstances with proper documentation accepted by the instructor.

↔ In case of extreme circumstances, one is expected to report to the instructor **before** the deadline of the coursework and resolve the problem within **one** week after the deadline.

10. **GRADING SCHEME**

- ↔ Quiz: 15% (The lowest quiz score will be dropped at the end of the semester.)
- ↔ Paper Homework Assignment: 15% (The lowest PHW will be dropped at the end of the semester.)
- ↔ Digital Homework Assignment: 5% (The lowest DHW will be dropped at the end of the semester.)

- ↔ The best midterm exam score: 25%
- ↔ The second best midterm exam score: 15%
- ↔ Final exam: 25%
- All letter grades will be assigned in accordance with the table of numeric to alphabetic conversions given below.

[90; 93) A-, [93; 97) A, [97; 100+] A+
 [80; 83) B-, [83; 87) B, [87; 90) B+
 [70; 73) C-, [73; 77) C, [77; 80) C+
 [60; 63) D-, [63; 67) D, [67; 70) D+
 [0, 60) F.

First time login guideline for MyMathLab
MyMathLab must be accessed through eLearning.
<ol style="list-style-type: none"> 1. Log into eLearning, and select MATH1325.7w1-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: <ol style="list-style-type: none"> 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.

Additional Information About Textbook		
The minimum a 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, where access can be purchased.		
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 hardcover text	ISBN-10:0321979427 ISBN-13:9780321979421	This option contains full text in ebook form, hard cover textbook and access to online homework.

Important Dates

- ↔ **Classes begin:** Tuesday, January 19, 2021.
- ↔ **Census Day:** Wednesday, February 03, 2021: Last Day to Drop a class without a “W” Full Term Session.
- ↔ **Midterm Exam I:** Monday 7:00pm-8:30pm, February 22, 2021.
- ↔ **Midterm Exam II:** Monday 7:00pm-8:30pm, March 29, 2021.
- ↔ **Last Day of Classes:** Saturday, May 08, 2021.
- ↔ **Final Exam:** Monday 8:00am-10:45am, May 10, 2021.

UT Dallas Syllabus Policies and Procedures:

The information at

<http://go.utdallas.edu/syllabus-policies>

constitutes university’s syllabus policies and procedures segment of this syllabus.

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:
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“As a Comet, I pledge honesty, integrity, and service in all that I do.”
