

**2017-MATH-1326, Applied Calculus II**
**VERSION: Friday 18<sup>th</sup> August, 2017**

Section	Call No	Course Meeting Times	Class Room	Instructor
1326.001	85742	TR 8:30 am – 9:45am	FO2.404	Derege Mussa
1326.002	85310	TR 10:00 am – 11:15am	FO2.404	Derege Mussa
1326.003	85743	TR 11:30 am – 12:45pm	FO1.502	Pavel Kravetc
1326.004	85744	TR 10:00 am – 11:15am	FO3.222	Pavel Kravetc
1326.005	87215	TR 2:30 pm – 3:45pm	CB3 1:306	Derege Mussa
1326.006	86141	TR 4:00 am – 5:15pm	CB3 1:306	Derege Mussa
1326.007	87217	TR 8:30 am – 9:45am	CB3 1:306	David Rice
1326.008	86288	TR 10:00 am – 11:15am	CB3 1:302	Joselle Kehoe
1326.009	86337	TR 11:30 am – 12:45pm	FO1.202	Joselle Kehoe
1326.502	86339	TR 5:30 pm – 6:45pm	FN2.202	Hanan Kurzat
1326.503	86340	TR 7:00 pm – 8:15pm	FO1.202	Hanan Kurzat
1326.701	85450	See exam information below.	See exam information below.	Derege Mussa

**Instructor Information**

Instructor	Phone	Office	E-mail	Office Hours
David Rice	972-883-3506	FN3.118C	dxr143630@utdallas.edu	TR: 11:30 am - 12:20 pm
Hanan kuzat	615-498-4221	FA2.106	Hanan.kuzat@utdallas.edu	TR: 8:20 pm – 9:20 pm
JoselleKehoe	214-570-0869	FA2.106	jxk061000@utdallas.edu	TR: 1:00 pm - 2:30 pm
Pavel Kravetc	469-7749-160	FO2.602J	<a href="mailto:Pavel.Kravetc@utdallas.edu">Pavel.Kravetc@utdallas.edu</a>	T: 1:00 pm - 3:00 pm
Derege Mussa	972-883-6562	FO2.104	<a href="mailto:Derege.Mussa@utdallas.edu">Derege.Mussa@utdallas.edu</a>	TR: 1:15 pm – 2:15 pm or by Appointment

**General Course Information**

Pre-requisite	C or better in <b>MATH 1325</b> or an equivalent course.
Co-requisite	Students must be enrolled in the <b>MATH 1326</b> exam section, which is section 701. Section 701 only meets on the exam weeks, not every week.
Course Description	Course set topics include review of limits, differentiation, logarithmic and exponential functions. It also covers integration techniques, application of integration, calculus of several variable, differential equations, sequences and series. This course is intended to provide students with the skills Needed to develop solutions to mathematical problems at the level appropriate to the course.
Recommended Texts	<i>Calculus with Applications</i> 11 <sup>th</sup> 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. <b>MyMathLab must be accessed through eLearning.</b> 2. A stapler is required for take-home quizzes. A non-programmable, non-graphic scientific calculator may be used on quizzes and exams. <b>Calculators which can compute derivatives and/or integrals (such as some Casio brand calculators) are strictly prohibited.</b>
eLearning	1. You must check the eLearning course page regularly. 2. Course assignments and the grade book will be posted through eLearning. <a href="https://elearning.utdallas.edu">https://elearning.utdallas.edu</a>
UTDE-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 Math Lab is located in the library <b>MC 3.606</b> . <b>Fall 2017</b> UTD Math Lab Hours: Mon-Thu 10:00am-8:00pm, Fri-Sat 10:00am-4:00pm, Sun 12:00pm - 4:00pm. Weekly review for MATH 1326 by Math Lab: Monday 9:30am-10:45am Friday 5:30pm-6:45pm in MC 3.606. Check their website for additional information. <a href="http://www.utdallas.edu/studentssuccess/mathlab/weeklyreviews.html">http://www.utdallas.edu/studentssuccess/mathlab/weeklyreviews.html</a>

Student Learning Objectives/Outcomes	
1	Students will be able to formulate real world problem into mathematical statements.
2	Students will be able to develop solutions to mathematical problems at the level appropriate to the course.
3	Students will be familiarized with integration techniques, differential equations, functions of several variables, Sequences and series summation principles.
4	Students will be able to describe or demonstrate mathematical solutions either numerically or graphically.

Tentative Course Outline						
Week	Monday	Sections and Days Off	Exam	THQ Due (TUE)	DHW Due (WED)	Quiz (THU)
1	08/21	Chapters 2 – 5 review				
2	08/28	<i>L Day</i> , Chapters 2 – 5 review, 12.7		THQ1	DHW1	Q1
3	09/04	7.1, 7.2		THQ2	DHW2	Q2
4	09/11	7.4, 7.5		THQ3	DHW3	Q3
5	09/18	8.2, <i>Review</i>		THQ4	DHW4	Q4
6	09/25	8.1, 8.4	WED (09/27)			
7	10/02	9.1, 9.2, 9.5		THQ5	DHW5	Q5
8	10/09	9.3, 9.4		THQ6	DHW6	Q6
9	10/16	9.4, 9.6		THQ7	DHW7	Q7
10	10/23	9.6, <i>Review</i>		THQ8	DHW8	Q8
11	10/30	10.1, 10.2,	WED (11/01)			
12	11/06	10.4, 10.3		THQ9	DHW9	Q9
13	11/13	12.1, 12.2		THQ10	DHW10	Q10
14	11/20	Fall Break / Thanksgiving				
15	11/27	12.4, 12.6		THQ11	DHW11	Q11
16	12/04	Review	FRI (12/08)	THQ12	DHW12	

Grading Information						
Description	There will be 2 exams. There will be 11 quizzes. There will be 12 take home quizzes. There will be 12 digital home work assignments. There will be 1 comprehensive final exam.					
Quizzes	There will be 11 quizzes. The quizzes will be taken in class. A missed quiz results in zero. A quiz average will be obtained by dropping the two lowest quiz scores and averaging the remaining quiz scores. The quiz average is 15% of your course grade.					
Digital Home work (DH)	There will be 12 DHW assignments, which will be posted on MyMathLab and completed outside class. A missed DHW results in zero. A home work average will be obtained by dropping the lowest two homework scores and averaging the remaining home work scores. The DHW average is 10% of your course grade.					
Take-home Quizzes (THQ)	There will be 12 THQ assignments, which will be posted on eLearning and completed outside class. You must download, print-off, complete and staple them. THQ must be submitted at the beginning of the lecture. It is not possible to turn-in THQ at any other place or time. A missed THQ results in zero. THQ will not be accepted if they are late, not stapled or missing a name. Your THQ average will be obtained by dropping the lowest two scores and averaging the remaining scores. The THQ average is 10% of your course grade.					
Exams	There will be 2 midterm exams. You will receive a zero for a missed exam. Exams cannot be dropped or replaced with other assignments. Each midterm is worth 20% of your course grade.					
Final Exam	There will be a comprehensive final exam. The final exam is 25% of your course grade.					
Attendance	Attendance is required and will be taken.					
Grade Scale						
	A+:	[97,100]	A:	[93,97)	A-:	[90,93)
	B+:	[87,90)	B:	[83,87)	B-:	[80,83)
	C+:	[77,80)	C:	[73,77)	C-:	[70,73)
	D+:	[67,70)	D:	[63,67)	D-:	[60,63)
F:	[0,60)					

Example	Here is an example of how to compute your course grade.					
	THQ average	DHW average	Quiz average	exam01	exam02	Final
	71	85	83	81	89	91
	Course Percent	$0.1*71+0.1*85+0.15*83+0.2*81+0.2*89+0.25*91=84.80$				
	Course Grade	<i>B</i>				

### Important Dates

Sep 6	Census day; Last day to drop without record.
Sep 7- Oct26	Students may withdraw from a class with signature and receive <b>W</b> .
Oct 3 – Oct26	<b>WL</b> period, with signature of instructor and advisor.
Oct 27 or later	Students may withdraw from a class for non-academic reasons only.

### Make-Up Policy

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

### Exam Information

The exams ***will not be during class time***. **First and Second midterms** are scheduled on **Monday** evening and **Finalexam** is scheduled on **Wednesday** evening during the exam section MATH 1326.701 for **all** sections. The location of the exam will be announced on eLearning.

Exam	Name	Date	Time	Location
First Exam	Exam 01	Wednesday, Sep.27	7:00pm – 8:15pm	TBA
Second Exam	Exam 02	Wednesday, Nov.01	7:00pm – 8:15pm	TBA
Final Exam	Exam 03	Friday, Dec.08	5:00pm – 7:45pm	TBA

### Additional Information About the Textbook

At minimum, student will need to purchase 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
My MathLab access code only	ISBN 10:032119991X ISBN-13:9780321199911	This option contains the full text in eBook form, and access To My MathLab homework.
My MathLab access code packaged with the loose leaf text	ISBN-10:0133886840 ISBN-13:9780133886849	This option contains the full text in eBook form, loose leaf Text book and access to MyMathLab homework.
My MathLab access code packaged with the hard-cover text	ISBN-10:0321979427 ISBN-13:9780321979421	This option contains the full texting Book form, hardcover Text book and access to MyMathLab homework.

### First time login guideline for MyMathLab

#### MyMathLab must be accessed through eLearning.

1. Login to eLearning, and select MATH1326.701-Applied CalculusII-S17.
2. On the course homepage, click Pearson MyLab &Mastering.
3. Click on My MathLab All Assignments 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 MyMath Lab course.
7. On your subsequent return to eLearning, you only need to repeat steps 1 and 2 above to enter the MyMath Lab course.

### 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 class 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.**