2015s-MATH-1326, Applied Calculus II			VERSION: Sunday 11th January, 2015 22:27	
Section	Call No.	Course Meeting Times	ClassRoom	Instructor
1326.001	25042	TR 10:00am–11:15am	JSOM 2.803	Norwood
1326.002	24905	TR 11:30am–12:45pm	JSOM 2.903	Mussa
1326.003	24906	TR 1:00pm–2:15pm	FO 1.202	Saccon
1326.004	24907	TR 2:30pm–3:45pm	JSOM 11.206	Nguyen
1326.005	25170	TR 4:00pm–5:15pm	JSOM 2.803	Nguyen
1326.006	25230	TR 10:00am–11:15am	FO 1.202	Saccon
1326.007	25231	TR 11:30am–12:45pm	JSOM 2.803	Scott
1326.008	25713	TR 1:00pm–2:15pm	FO 2.208	Patel
1326.009	25714	TR 2:30pm–3:45pm	JSOM 2.903	Patel
1326.501	24908	TR 5:30pm–6:45pm	FO 1.202	Scott
1326.701	24904	See exam information below.	See exam information below.	Patel

Instructor Information

Instructor	Phone	Office	E-mail	Office Hours
Dr. Derege Mussa	972-883-6562	FO 2.104	dxm146130@utdallas.edu	TR: 1:15-2:15pm
Dr. Jigar Patel	972-883-6589	FO 2.104	jsp061000@utdallas.edu	TR: 12:00-1:00pm, MW: 3:00-4:00pm
Dr. John Norwood	972-883-6585	FA 2.106	jxn142530@utdallas.edu	TR: 12:00-1:00pm
Dr. Mylinh Nguyen	972-883-6546	FA 2.404	mln018200@utdallas.edu	TBA
Dr. Silvia Saccon	972-883-6482	FN 3.308E	Silvia.Saccon@utdallas.edu	TBA
Dr. William Scott	972-386-1006	FO 2.108	wms016100@utdallas.edu	M: 12:00-1:00pm, W: 1:00-2:00pm

General Course Information

Pre-requisite	C- or better in **MATH 1325** or an equivalent course.
Co-requisite	Students must be enrolled in the **MATH 1326** exam section, which is section 701. Section 701 only meets on the exam weeks, not every week.
Course Description	Course 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	*Calculus with Applications* 10^{th} *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**. **Spring 2015** 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 12:30pm-1:45pm and Friday 3:30pm-4:45pm. Check their website for additional information. `http://www.utdallas.edu/GEMS/mathlab/index.html`

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	01/12	Chapters 2–5 review				
2	01/19	*MLK Day*, Chapters 2–5 review		THQ1	DHW1	Q1
3	01/26	Chapters 2–5 review, 7.1		THQ2	DHW2	Q2
4	02/02	7.1, 7.2, 7.4		THQ3	DHW3	Q3
5	02/09	7.4		THQ4	DHW4	Q4
6	02/16	7.5, 8.1	MON(02/16)			
7	02/23	8.2, 8.4		THQ5	DHW5	Q5
8	03/02	9.1, 9.2, 9.3		THQ6	DHW6	Q6
9	03/09	9.3, 9.4		THQ7	DHW7	Q7
10	03/16	Spring Break				
11	03/23	9.5, 9.6		THQ8	DHW8	Q8
12	03/30	9.6		THQ9	DHW9	Q9
13	04/06	10.1, 10.2	MON(04/06)			
14	04/13	10.4, 12.1,		THQ10	DHW10	Q10
15	04/20	12.4, 12.7,		THQ11	DHW11	Q11
16	04/27	*Review/ Catch up*		THQ12	DHW12	
17	05/06	No classes	Wed(05/06)			

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 homework 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 Homework (DHW)	There will be 12 DHW assignments, which will be posted on MyMathLab and completed out side class. A missed DHW results in zero. A homework average will be obtained by dropping the lowest two homework scores and averaging the remaining homework 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 out side 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 can not 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	exam_01	exam_02	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	B

Important Dates

Jan. 28	Census day; Last day to drop without record.
Jan. 29 - Mar. 27	Students may withdraw from a class with signature and receive **W**.
Feb. 24 - Mar. 30	**WL** period, with signature of instructor and advisor.
Mar. 31 or later	Students may withdraw from a class for non academic reasons only.

Exam Information

The exams ***will not be during class time***. **First and Second midterms** are scheduled on **Monday** evening and **Final exam** 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`	Monday, Feb. 16	8:30pm–10:00pm	TBA
Second Exam	`exam_02`	Monday, Apr. 06	8:30pm–10:30pm	TBA
Final Exam	`exam_03`	Wednesday, May. 06	5:00pm–7:45pm	TBA

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 week in advance*.

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

First time login guideline for MyMathLab

MyMathLab must be accessed through eLearning.

1. On the eLearning course homepage, click **Pearson's MyLab & Mastering**.
2. Click on **MyMathLab All Assignments** 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.

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.