2012s-MATH-1326, Applied Calculus II					VERSION: Wed Jan 11 21:10:49 CDT 2012
Section	Call No.	Course Meeting Times	ClassRoom	Instructor	
1326.001	23929	TR 11:30am–12:45pm	FO 2.404	Akbar	
1326.002	23703	TR 1:00pm–2:15pm	FO 2.404	Patel	
1326.003	23704	TR 11:30am–12:45pm	FO 2.410	Eydelzon	
1326.004	23705	TR 1:00pm–2:15pm	FO 2.410	Koshevnik	
1326.005	25728	TR 4:00pm-5:15pm	FO 2.410	Koshevnik	
1326.501	23706	TR 5:30pm-6:45pm	FO 2.404	Patel	
1326.502	24528	TR 7:00pm-8:15pm	FO 2.404	Patel	
1326.503	24529	TR 5:30pm-6:45pm	FO 2.410	Koshevnik	
1326.701	23702	F 5:30pm-6:45pm	SLC 1.102,2.303	Patel	

Instructor Information				
Instructor	Phone	Office	E-mail	Office Hours
Dr. Mohammad Akbar	972-883-2161	FO 2.602	akbar@utdallas.edu	MW: 4:00-5:30pm
Dr. Yuly Koshevnik	972-883-4178	FA 2.408	Yuly.Koshevnik@utdallas.edu	TR: 10:00–11:00am, 7:00–8:00pm,
				F: 12:00–2:00pm
Dr. Anatoly Eydelzon	972-883-6593	FO 2.108	Anatoly@utdallas.edu	MW: 10:00-11:00am, F: 1:00-2:00pm
Dr. Jigar Patel	972-883-6589	FA 2.106	Jigarkumar.patel@utdallas.edu	TR: 11:50am-12:50pm, 4:00–5:00pm

General Course Informa	ution
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, inte-
	gration, application of integration, calculus of several variable, differential equations.
Recommended Texts	Applied Calculus 8th Edition, by Soo T Tan. ISBN-13: 9781133436676 ISBN-10: 1133436676
Recommended Supply	A non-programmable, non graphic scientific calculator may be used on quizzes and exams.
eLearning	1 You must check the eLearning course page regularly
01000000	1. For must check the cheating course page regularly.
o Loui IIII g	2. Course assignments and the gradebook will be posted through eLearning.
	 Four must encer the electring course page regularly. Course assignments and the gradebook will be posted through eLearning. http://www.elearning.utdallas.edu
UTD E-mail	 2. Course assignments and the gradebook will be posted through eLearning. http://www.elearning.utdallas.edu Your official UTD E-mail address will be used to send you important course information. You must
UTD E-mail	 2. Course assignments and the gradebook will be posted through eLearning. http://www.elearning.utdallas.edu 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.

Tentat	Tentative Course Outline								
Week	Monday	Sections	Exam	Graded HW. Due	Digital HW. Due	Quiz			
1	01/16	Chapters 2–5 review							
2	01/23	Chapters 2–5 review,							
3	01/30	Chapters 2–5 review, 6.1		Y	Y	Y			
4	02/06	6.2, 6.3, 6.4		Y	Y	Y			
5	02/13	6.5, Review	Yes						
6	02/20	6.6, 6.7		Y	Y	Y			
7	02/27	7.1, 7.3		Y	Y	Y			
8	03/05	7.4, 7.5		Y	Y	Y			
9	03/12	SPRING BREAK							
10	03/19	8.1, 8.2		Y	Y	Y			
11	03/26	8.3, Review	Yes						
12	04/02	8.4, 8.5		Y	Y	Y			
13	04/9	8.6, 8.7		Y	Y	Y			
14	04/16	8.8, 9.1		Y	Y	Y			
15	04/23	9.2 ,9.3		Y	Y	Y			
16	04/30	Review		Y		Y			
17	05/07	Final Exam Week	Yes						

Important Dates	
Feb. 2	Last day to drop without record. $2/1$ census day
Feb. 2 – Feb. 20	Students may withdraw from a class with signature and receive \mathbf{W} .
Feb. 20 - Mar. 26	WP/WF period, with signature of instructor and advisor.
Mar. 27	Students may withdraw from a class for non academic reasons only.

Exam Informat	ion						
The exams will not be during lecture time. The exams are Friday evenings during the exam section MATH 1326.701 for							
all lecture sector	all lecture sections and eLearning. Your instructor will provide the location of your exams during lecture.						
Exam	Name	Date	Time	Location			

Exam	Name	Date	TIME	Location
First Exam	exam_01	Friday, Feb. 17	5:30 pm-6:50 pm	SLC–1.102 and SLC–2.303
Second Exam	exam_02	Friday, Mar. 30	5:30 pm-7:00 pm	SLC–1.102 and SLC–2.303
Final Exam	exam_03	Friday, May 11	5:30 pm-8:00 pm	SLC–1.102 and SLC–2.303

Grading Information								
Description	There will be 2 exams, exam_01 and exam_02. There will be 11 quizzes, quiz_01 through quiz_11. There will be 13 homework assignments, homework 01 through homework 12. There will be 10 set							
	of digital homowork assignments homowork 01 through homowork 2. There will be 1 set							
	final exam. exam_03.							
Quizzes	The quizzes will be taken in class. You will receive a zero for a missed quiz. A quiz average will							
	be obtained by dropping the lowest two quiz scores and averaging the remaining quizzes. The quiz							
	average is 10% of your course grade.							
Digital Homework(DHW)	There will be 10 sets of DHW. You will receive a zero for a missed homework. A homework average							
	will be obtained by dropping the lowest two homework scores and averaging the remaining homework							
	assignments. The DHW average is 10% of your course grade.							
Graded Homework(GHW)	There will be 11 GHW, which will be posted on eLearning and completed out of class. You must							
	download, print-on, complete and staple them. GHW must be submitted at the beginning of the lecture. It is not possible to turn in CHW at any other place or time. You will receive a zero for							
	a missed GHW GHWs will not be accepted if they are late missing a staple or missing a name							
	Your GHW average will be obtained by dropping the lowest two homework scores and averaging the							
	remaining homework assignments. The GHW average is 10% of your course grade.							
Exams	There will be 2 midterm exams. You will receive zero for a missed exam. Exams can not be replaced							
	or dropped with other assignments. Both midterm worth 20% of your course grade.							
Final Exam	There will be a comprehensive final exam, exam_03. The final exam is 30% of your course grade.							
Attendance	Attendance is mandatory and will be taken. Your attendance record will be considered when as-							
	signing your final course grade.							
Grade Scale	I his grade scale is a <i>guarantee</i> , but it is possible that the actual grade scale will be slightly lement. $A \pm \frac{1}{2} \begin{bmatrix} 0.7 & 1.00 \end{bmatrix} \begin{bmatrix} 0.7 & 0.07 \end{bmatrix} \begin{bmatrix} 0.7 & 0.07 \end{bmatrix} \begin{bmatrix} 0.7 & 0.07 \end{bmatrix}$							
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
	D+: [67,70) $D:$ [63,67) $D-:$ [60,63)							
	F: [0, 60]							
Example	Here is an example of how to compute your course grade.							
	gh_average digital hw_average quiz_average exam_01 exam_02 exam_03							
	71 85 83 81 89 91							
	Course Percent $0.10 * 71 + 0.10 * 85 + 0.10 * 83 + 0.20 * 81 + 0.20 * 89 + 0.30 * 91 = 85.20\%$							
	Course Grade B							

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.

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 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.

MuchLearning Setup for Students

- 1. Log into eLearning (https://elearning.utdallas.edu/webct/logonDisplay.dowebct)
- 2. Click on your eLearning course link. For example, Math 2312 001 Precalculus -S11

UTD eLearning - Academic eLearning Helpdesk: 866-588-3192								
Welcome, Today is January	4, 2011 3:58 PM CST.							
Campus Bookmarks	Course List							
Faculty: Request Your Sections Here	Number of Hidden Links: 2							
Orion eLearning Helpdesk	MATH 2312 001: PRECALCULUS - F10							
<u>eLearning Handouts</u> <u>Galaxy</u>	MATH 1314 501: COLLEGE ALGEBRA - F10							
<u>Webmail</u> Zmail	MATH 1325 001: APPLIED CALCULUS I - S11							
Content Migration Request Form	MATH 2312 001: PREC/N.CULUS - S11							
Campus Announcements								

3. In your course's homepage you will see a link titled "Login to MuchLearning". Click on it.

Learning - Academic eLearning Helpdesk: 866-588-3192								
Bui	d Teach	St						
🔗 Co	urse Tools		Your location: Home Pag	ge				
🟠 Co	urse Content 🛛 🎽			Login to MuchLearning				
🔊 An	nouncements			,				
💉 Dis	cussions	I.						
🛕 Ma	il							
🔕 My	Tools							
A My	Grades							

4. At "User Association", click "For Students" button.

UTD eLear	eLear	Academic ning Helpdesk: 86	6 -588-3192	
S Course Tools	< Your loc	ation: <u>Home Pag</u> e	• Login to MuchLear	ning
Course Content Announcements Discussions Mail	uta Mi	^a hleo	irning (Get T
My Tools	Home	About Us	Register Now	Try Now
	User	Associati	on	
			External	Account
	You have enrollme account. correspo	yust followed ant details were Although this i nding MuchLea	a link to the MuchLa passed along. If yo is optional, some co arning course.	earning site fron u wish you can a urses may requi
	Please se	elect one of the	options below:	
		For	Students	

5. Read the terms of service then click on the "I Accept. Create my Account" button to create an anonymous account on MuchLearning.

und ele	arning -	Academia	C 6-588-3192				<u>Accessibility F</u>
Build Teach	Student View				M/	TH 2312 001: F	PRECALCULUS - S
🔕 Course Tools	¢ Your	location: <u>Home Page</u>	• Login to MuchLea	ming			
Course Content Course Content Course Content Course Content Course Content Course Content Course C	i ut M	d@ Uchleo	irning	Get	On Teach Col	line	
(a) My Tools	Home	About Us	Register Now	Try Now	Features	Catalogue	Support
A My Grades	Use	r Associati	on				A
			Externa	Account	t Associat	tion	
	accoun corresp Please	t. Although this i bonding MuchLea select one of the For	is optional, some co arning course. options below: Students	For Stud	uire you to do lents	this in order to e For Instructor	nroll in the
	Creat	te a new accou	unt and link to ye	our ID:			
	Test	- (c i		Terms of Se	rvice:		
	ler	ms of Service:					=
	Int	roduction and A	Agreement				
	Thi own pur her	s website operated ed and operated suant to the la eby agree that the following r	ates under domain d by FASTTRACK TE aws of the Provin you are at least	name www.muc CHNOLOGIES If ce of Alberta eighteen (19	chlearning.or NC., a legal a, Canada. By B) years of a	g (the " Site" entity incorpor using the Site ge and to be be ave the explicit	"), which is rated e, you ound by all 💌
	By c	licking on 'I acce	pt' below you are a	greeing to the	Terms of Servi	ce above and the	Privacy Policy.
			l accept. C	reate my and	onymous acco	ount.	

6. Click on "login" to finish the process.

UTD eLearning - Academic eLearning Helpdesk: 866-588-3192								
Build Teach	Student View				M	ATH 231		
 Course Tools Course Content Announcements Discussions Mail 	< Your lo	d@hee		ning Get	On	lir		
My lools	Home	About Us	Register Now	Try Now	Features	Cat		
	Exte	ernal User	Registration	n				
	A new l the log Login	External Account Registration A new MuchLearning account has been created and linked to your UTD – eLear the login, please click on the following link:						

7. In the left menu you will find a link to your course - please click it.

UTD eLearning - Academic eLearning Helpdesk: 866-588-3192 Build Teach Student View						
	Course Tools M Course Content ≥	< Your location: <u>Home Page</u> • Login	to MuchLearning			
	 Announcements Discussions Mail My Tools My Grades 	MUCNICOLING	Welcome N/A! PowerTips Browse the dynamically genera MuchLearning experience and today. Cet Started With Guides: Get Started With Guides: Get started by downloading t • Quick Tour for Students			
8.	Click link "Assignments UTD CLC Build Teach Course Tools Course Content Announcements Discussions Mail	" in the left menu to review your arning - Academi eLearning Helpdesk: & Student View Vour location: Home Par Utd Chleoring Navigate Glossary Te MuchLearning Links	TestMe Cheatsheet assignments. C B66-588-3192 ge > Login to Mu			
	My Tools	L. A Home L.Table of Contents & Work L. ■ • eBook Menu ④ Previous Next ● ■ • Student Links L.Course Home Page ■ Assignments	cbook Click			

To login to your account in the future, simply click the "Login to MuchLearning" link in your eLearning course.