

Syllabus for Math 142-506, 508 Fall 2011

Instructor: Jennifer Lewis

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Office hours: Mon through Thurs 11am-2 pm, or other times by appt.

My Math 142 Sections: 506 Tues & Thurs 8 - 9:15 Zach 102

508 Tues & Thurs 9:35-10:50 BSBE 115

You may attend either section as long as seats are available.

Course Description and Prerequisites: Business Mathematics II. (3-0). Credit 3. Derivatives, curve sketching and optimization, techniques of differentiation, logarithms and exponential functions with applications, integrals, techniques and applications of integration, multivariate calculus. Prerequisites: High school algebra I and II and geometry or satisfactory performance on a qualifying examination. Credit will not be given for more than one of Math 131, 142, 147, 151 and 171.

Learning Objectives: Understand limits. Understand exponential and logarithmic functions and their applications. Use derivatives to find maxima and minima of single variable functions. Graph single variable functions using derivatives. Compute derivatives and integrals and interpret their meanings in business and other applications. Find maxima and minima of functions of two variables.

Textbook: Applied Calculus 5th ed. by Stefan Warner, Steven R. Costenoble

ISBN-13 978-1-4390-4923-5 ISBN-10 1-4390-4923-8

Your course fees included an e-book which you access through WebAssign.

Calculator: All Math 142 students are required to have a TI83, 84, 83+ or 84+. The TI 86 and 89 are not permitted. The calculator will be used in all exams.

Homework: All graded homework is done on WebAssign which you always logon to through www.math.tamu/courses/eHomework This does not give you enough practice for the exams. You should also do the suggested homework listed on my Math 142 page.

Grading: Your grade will be determined by the total number of points out of 600 which you receive on exams, quizzes and homework. The quizzes will be take-home or in class. Help on take-home quizzes is legal but it does not help you prepare for exams if you simply turn in copied work. I will not help anyone who comes to my office not having attempted to work the quiz. These quizzes will account for 90 points of the 600 total. You will have three midterm exams for 100 points each and a comprehensive final for 150 points.

Tentative Exam dates and point values are:

Exam 1	100 pts	Thurs Sept 29
Exam 2	100	Thurs Oct 27
Exam 3	100	Tues Nov 22
Quizzes	90	
WebAssign	60	
Final	150	Section 506 meets at 8am, final Tues Dec 13 1-3 pm Section 508 meets at 9:35, final Fri Dec 9, 7:30-9:30 am
Total	600 pts	

Scale: 540-600 A , 480-539 B , 420-479 C , 360-419 D , 0-359 F

If you are ill and contagious, please stay home. I will help you with what you missed when you come back. If you miss an exam due to illness or other university approved reason, email me within 24 hours of the scheduled exam. A make-up exam will be given in Blocker 601.

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>

"An Aggie does not lie, cheat, or steal, or tolerate those who do."

Weekly Schedule

Week of	Sections	
Aug 29	1.1, 1.2, 2.2	
Sept 5	2.3, 3.1, 3.2	
Sept 12	3.3, 3.4	
Sept 19	3.5, 3.6, 4.1	
Sept 26		Review Tues and Exam 1 on Thurs Sept 29
Oct 3	4.2, 4.3, 4.4	
Oct 10	4.5, 5.1, 5.2	
Oct 17	5.3, 5.4, 5.6	
Oct 24		Review Tues and Exam 2 on Thurs Oct 27
Oct 31	6.2, 6.2, 6.3	
Nov 7	6.4, 7.2, 7.3	
Nov 14	7.4	Review Thurs
Nov 21		Exam 3 on Tues Nov 22
Nov 28	8.1, 8.2, 8.3	
Dec 5		Review

Dec 9 final exam for section 508 from 7:30-9:30 am in the classroom Section 508 is the 9:35am class.
Dec 13 final exam for section 506 from 1-3 pm in the classroom Section 506 is the 8am class.