

Instructor: Dr. Theresa Jorgensen

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Office hours: Tu 8 - 9am, Th 8 - 9am, Th 12:30 - 1:45pm, and by arrangement

Class meetings:

Lecture: 11:00am -12:20pm Tues/Thur in 327 PKH

Lab: 12:30pm – 1:20pm Tues/Thur in 308 PKH

Textbook: *Calculus* by Strauss, Bradley, Smith, 4th custom edition

Overview: This course focuses on the study of functions, graphs, limits, continuity, and differential and integral calculus. We will cover Chapters 1 through 5 in your textbook.

Details about the course

Grades:

Midterm 1	20%
Midterm 2	20%
Weekly quizzes	9%
Problem-solving worksheets	9%
Homework presentations	3%
Project	9%
Final Exam	30%

Grades will be assigned according to the following scale: 90-100% = A, 80-89% = B, 70-79% = C, 60-69% = D, <60% = F

Midterms and Final: There will be 2 midterm exams and one comprehensive final exam. The midterms are **Friday, September 29, 6-8pm** (sections 1.1 through 3.5) and **Friday, November 3, 6-8pm** (sections 3.6 through 4.7). The final exam (sections 1.1 through 5.8) is scheduled for **Saturday, December 9, 3-5:30pm**. Please mark your calendars now.

Homework: Each lecture, homework questions will be assigned. Homework will not be collected for grading, but weekly lab quizzes will test the material in the homework. It is to your advantage to solve every assigned problem. Part of your lab grade will consist of homework presentations. Mathematics is only effective if we can communicate it to each other. To help hone these abilities, (and to encourage you to keep up with the homework assignments) each Thursday, three students will randomly be chosen to put an assigned problem on the board and explain their solution. If the chosen student is not at lab, they will get 0 points. If the chosen student is at lab, but declines to present the problem, they will get 2 points. If the chosen student makes a good faith attempt to present the

problem, they will get 5 points. Since each student will have a different number of opportunities to present homework, your presentation grade will be an average of all your opportunities.

Attendance: Attendance at lab will be recorded. Excellent attendance records will help your grade in that borderline grading decisions will be influenced by these records.

Lab information: In lab, you will

- take weekly quizzes
- participate in problem-solving activities from lab worksheets and submit solutions to selected activities.
- have the opportunity to ask for guidance on homework questions and problem-solving worksheets
- present selected homework problems.

In general, Tuesdays will be reserved for problem-solving activities, which you will work on *cooperatively*. Any activities assigned for handing in will be due at the **beginning** of the next Tuesday recitation. 9% of your total grade will be based on these problem-solving labs. Thursdays will be used for recitation - homework questions (and residual questions from the problem-solving labs) will be discussed. As well, a quiz based on the previous week's homework will be given.

The lowest 2 quizzes and the lowest 2 lab worksheet grades will be dropped. **There will be no make-ups of quizzes or late lab worksheets accepted.**

Calculators: You will be allowed to use any handheld calculator (with the exceptions listed below) for the midterms and final as well as for most assignments and quizzes. However, if a problem is labeled show-your-work, then supporting work is required for any step that cannot be done in your head.

The following machines will **not** be allowed: powerbooks, portable computers, pocket organizers, electronic writing pads or pen input devices, palm-top computers with QWERTY keyboards, or any device with internet or email capabilities. If you have any doubt about your calculator, ask during the first week of class.

Resources: If you're having trouble with a problem or a topic there are several places you can go to talk about it:

- To the other students in the class; often you can figure things out together that you didn't understand on your own
- To me; come and see me during office hours or arrange another time
- To your GTA
- To the Math Clinic (314 PKH) Hours: M-Th 8am-9pm, F 8am-5pm, Sat 10am-5pm, Sun 1pm-9pm. The Math Clinic is a free service funded by your registration fees.

Important dates:

September 4	Labor Day Holiday
September 13	Census date
September 29	Midterm 1, 6pm to 8pm
November 3	Midterm 2, 6pm to 8pm
November 3	Official last day to drop this class
November 23-26	Thanksgiving Holiday
December 8	Last day of classes
December 9	Final Exam, 3pm-5:30pm

University Information:

Americans with Disabilities Act: The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 93112 - The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a faculty member, I am required by law to provide "**reasonable accommodation**" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with **informing the instructor at the beginning of the semester** and in providing *authorized* documentation through designated administrative channels.

Academic Dishonesty: It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents Rules and Regulations, Part One, Chapter IV, Section 3, Subsection 3.2, Subdivision 3.22)

Grade Exclusion and Grade Replacement Policies: The Grade Replacement Policy is being phased out and a Grade Exclusion Policy is being phased in. For any and all questions about these policies, go to:

<http://www.uta.edu/catalog/general/academicreg>

If you are still confused, all questions should be directed to your academic advisor and not the instructor of this course.

Student Disruption: The University reserves the right to impose disciplinary action for an infraction of University policies. For example, engagement in conduct, alone or with others, intended to obstruct, disrupt, or interfere with, or which in fact obstructs, disrupts, or interferes with, any function or activity sponsored, authorized by or participated in by the University.

Drop for Non-Payment of Tuition: If you are dropped from this class for non-payment of tuition, you may secure an Enrollment Loan through the Bursar's Office.