

MATH 1426-100. 11-week Summer 2015. June 8 - August 13

Instructor: Derek Tomlin. Email: dtomlin "at" uta.edu. Phone: 272-0942

Office Hours: Pickard Hall Room 420. Tuesday/Thursday 13:00-14:00 or by appointment.

Textbook: Calculus, Early Transcendentals, Custom Edition for UT-Arlington, By Tan.
ISBN: 978-1-111-52336-7

Meeting Times: Lecture – MW 18:00 - 19:50, PKH 319. Lab component – MW 20:00 - 20:50, PKH 305.

Prerequisites: A student must have mastery of all precalculus concepts and must not be afraid of mathematics.

Course Objectives: Upon completion of Calculus I, one will have a working knowledge of the following concepts: limits, continuity, tangent lines, the derivative, sketching curves, locating asymptotes, indeterminate forms, and integration.

Course Layout: The lecture component of the course will be exactly that. When a section is completed, there will be a list of homework questions to be worked out by hand that correspond to that section. Every **MONDAY** in lab, we will collect **AT MOST THREE** of the previous weeks homework assignments to be graded for accuracy. Additionally, there will be occasional quizzes on **WEDNESDAYS** in lab. There will also be lab worksheets handed out weekly, but these will not be collected.

Exams: There will be three mid-term exams and a final exam. These tests may consist of both multiple choice and free response questions and no scantron will be required. Tests will be completed during the lab sections.

Course Outline:

(Note that the schedule is tentative and actual lecture/exam dates may vary at the discretion of the instructor)

Unit 1 (§1.1 - §2.1)	6/8 - 6/17
First Exam	6/22
Unit 2 (§2.2 - §2.10)	6/17 - 7/8
Second Exam	7/13
Unit 3 (§3.1 - §4.2)	7/8 - 7/29
Third Exam	8/3
Remaining Material (§4.3 - §5.1).....	7/29 - 8/12
Final Exam	8/17

Grade Policy: Your grade will be determined by three midterm exams, a final exam, and a lab

portion. The lab portion will be determined by homework assignments and quizzes. Grades will be weighted as follows:

Lab Component	15 %
Exam 1	15 %
Exam 2	20 %
Third Exam	20 %
Final Exam	30 %

For an 'A', one must earn at least 90 percent of the total possible points.

For a 'B', one must earn at least 80 percent of the total possible points.

For a 'C', one must earn at least 70 percent of the total possible points.

For a 'D', one must earn at least 60 percent of the total possible points.

Homework: Homeworks will be collected every Monday. At most three problems of ANY OF THE previous assignments will be collected. Online Homework (as well as an online textbook) can be found at WebAssign.net , and use the course code uta 7880 4849 to register for our course. The webassign homework WILL NOT be a part of your course grade – it is merely an additional resource for you.

Academic Honesty: Do not cheat.

Extra Help: Utilize my office hours and seek help from your peers, as well as the math clinic located at PKH 325.

Important Dates:

First Test	June 22
Census Date	June 25
Second Test	July 13
Drop Date	July 23
Third Test	August 3
Final Exam	August 17