

Math 136-013 MWF 12:40-1:35 TR 12:45-1:40 COHH 3119 4 hours credit

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Office hours: M,W 1:40 – 4:00

Others by appointment or capture

Prerequisites: Four years of high school mathematics, including Algebra II, geometry and trigonometry, and satisfactory score on the Math Placement Exam; or MATH 117 or MATH 118 , with grade of C or better. A graphics calculator is required. I will be using the TI-84 for demonstration purposes in class.

Welcome to calculus! I hope that you are as excited about this course as I am. Calculus provides basic preparation for numerous fields in science and business. It is incredibly applicable.

There will be four tests and a comprehensive final. Online homework will be assigned regularly. We will be using WebAssign for homework.

Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services, DUC A-200. Do not request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.

Your grade will be determined as follows:

Homework	20%
Test (4)	60%
Final	20%

Keep up! Do your homework and please make use of my office hours. That time is yours not mine! If I did not enjoy talking to students, I would not teach. Any test with the exception of the final may be taken early if I am contacted in time.

Exam I	Thursday, Feb. 9
Exam II	Thursday, March 1
Exam III	Thursday, March 29
Exam IV	Thursday, April 19
Final	Tuesday, May 8 1:00 – 3:00

Departmental Syllabus

Math 136

Calculus of a Single Variable Early Transcendental Functions, 5th Edition

Larson, Edwards. Brooks/Cole Cengage Learning ©2011.

There are 41 MWF – days in a fall semester course and 42 MWF-days in a spring semester course. (These courses are assigned a MWF and TR time slot. Meeting times include lecture and recitation, as set by the instructor.)

Math 136	Days
Chapter 1: Preparation for Calculus	2
Chapter 2: Limits and Their Properties	5
Chapter 3: Differentiation	9-10
Chapter 4: Application of Differentiation	8
Chapter 5: Integration (Sections 5.1-5.7)	7
Chapter 6: Differential Equations (Sections 6.1-6.3)	3
Chapter 7: Applications of Integration (Sections 7.1) (Optional)	
Tests:	3-4
Total:	37-39