

Math 165
Calculus I
Spring 2001

Instructor: Brian Heck
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Office Hrs: MWF 11-12:30 pm, MW 2-6 pm

Prerequisites: Math 102 or 108 (with a C or better) or advanced placement

Text: Calculus (8th ed.) by Varberg, Purcell, and Rigdon (Prentice Hall)

Calculator: We will at times make use of calculator technology. You will need to have a scientific calculator and be able to use it efficiently.

Course Objectives: To learn as much calculus in one semester as humanly possible.

Instructor Expectations: Come to class prepared (with text and fully aware). In order to understand what we are doing in class, it will be necessary for you to do problems outside of class, and it would be beneficial to you to read the text prior to our covering the material in class. You will be required (on all exams) to demonstrate knowledge and understanding of the material.

Grading Policy:

Weekly Problem Sets	200 pts
Mid Term Exam	200 pts
Final Exam	<u>200 pts</u>
	600 pts

Grading Scale:

A: 540-600 pts
B: 480-539 pts
C: 420-479 pts
D: 360-419 pts
F: less than 360 pts

Attendance: I will not include attendance as part of your course grade. I am not your mother or your parole officer, and this is not high school. I do, however, expect you to attend everyday. You are responsible for any and all material covered in class. If you miss any class, it is up to you to meet with me (if necessary) and catch up on the material you missed.

Approximate Class Schedule:

We will assume knowledge of Chapter 1 and Sections 1-3 of Chapter 2. You should look these sections over, and if you get questions, please come see me. Below is a list of the sections we will attempt to cover this semester. If time allows, more sections may be added. If time does not allow, some sections listed may be skipped.

Chapter 3: Sections 3,4,5,7

Chapter 2: Sections 4-9

Chapter 3: Section 2

Chapter 4: Section 7

Chapter 3: Sections 8-10

Chapter 4: Sections 1-4, 6

Mid Term Exam (Wednesday, March 7)

Chapter 5: Sections 1, 3-8

Chapter 6: Sections 1-4

Chapter 7: Sections 1, 3-5

Final Exam (TBA)

Closing Remarks:

You are at a university, not a trade school. The goal is intellectual development and knowledge for knowledge sake. If you want to only learn what you need to get a job, go somewhere else.

Do not ask me why you need to learn the material we are currently learning. The answers are (1) because it will be on the final (2) because this is what calculus is, and any course called Calculus should cover this, and (3) because I say so. If during the semester you get the urge to ask me why we are learning something, re-read this paragraph. If you are still unsure, see (3) above.

It is assumed that you are attending this university because you have a desire for higher learning. It is therefore expected that you will pay attention, be respectful of your instructor and fellow students, and follow the Code of Student Conduct. Instances of academic dishonesty will be dealt with severely. If you are caught cheating, you will fail this course. Similarly, if you are a disruptive presence in the classroom, you will be dropped from the class.

Important Dates:

Final Date to Add Courses or Drop Without a "W" - Monday, January 22

Final Date to Drop Courses With a "W" - Monday, April 2