

Math 481 - Principles Of Mathematical Analysis I

Fall 1999

Instructor: Brian Heck

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Office Hours: 8:30-10:30am MWF, 7:30-8:30am, 10:30-11:30am TTH (or by appointment)

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Text: Advanced Calculus: A Friendly Approach (1st ed.) by Witold Kosmala

Grading Policy:

Problem Sets	20%
Mid-Term Exam	40%
Final Exam	40%

A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: less than 60%

Tests/Final Exam: We will have a mid-term exam and a final exam. The mid-term will be in class and the final will be a take home. The tentative dates are included in this syllabus. Both exams will be comprehensive in that they will cover all material covered by the exam date.

Problem Sets: Homework is a very necessary part of this course. You cannot learn something if you do not practice it. This is especially true of mathematics. Therefore, I will pick up sets of homework problems many times throughout the semester. I will announce in advance when problem sets are due and which problems are due.

Attendance: I will not include attendance as part of your course grade. 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.

Overview: We will cover parts of Chapters 2, 3, 4, 5, 6, 8, 10, and 11 in our text. On the final exam, you will be responsible for all of the material we covered throughout the semester. I will be more than happy to help you succeed in this course, but it will take effort on your part. I believe that if you (1) come to class, (2) do your homework and (3) ask questions when confused, you will do very well in this class. It is a very good course, and after you finish it you will be well prepared for whatever math course you might take next.

Important Dates:

Final Date to Add Courses or Drop Without a "W" - **Thursday, August 19**

Final Date to Drop Courses With a "W" - **Monday, October 25**

Below is a listing of the sections we will be covering this semester. The sections in parentheses will be covered only as time allows. Also listed are the tentative dates of our 2 exams.

(Chapter 1: Section 5)

Chapter 2: Sections 1-6 (7-8)

Chapter 3: Sections 1-3 (4)

Chapter 4: Sections 1-4 (5-6)

Chapter 5: Sections 1-4 (5)

****Mid-Term Exam, Friday, October 8****

Chapter 6: Sections 1-4

(Chapter 8: Sections 4-5)

Chapter 10: Section 1-4,7 (8-9)

Chapter 11: Sections 1-2

****Take Home Final Exam****

****Due Monday, December 6, 9:00 am****