

# Foundations of Higher Mathematics (Math 358)

Fall 1998

Instructor: Brian Heck

Office: 108-B Peltier Hall

Phone: (O) 448-4377

(H) 580-4560

Office Hours: 8:00-10:00am Everyday

1:30-3:30pm Monday

**Text:** Foundations of Higher Mathematics (3<sup>rd</sup> ed.) by Fletcher & Patty

## Grading Policy:

2 Tests (100 points each).....	200 points
Mid-Term Exam.....	150 points
Homework/Quizzes.....	50 points
Final Exam .....	<u>200 points</u>
	600 points

## Grading Scale:

A	540 - 600 points
B	480 - 539 points
C	420 - 479 points
D	360 - 419 points
F	below 360 points

**Tests/Final Exam:** We will have 2 tests and a mid-term exam. The tentative dates are included in this syllabus, but I will let you at least a week in advance exactly when each test will be. If you are going to be absent on a test day, you may take the exam early. However, if you do not let me know in advance, you will not be allowed to make up the test. The mid-term exam and the final exam will both be half new material, and half review.

**Homework/Quizzes:** Homework is a very necessary part of this course. You cannot learn something if you do not practice it. There is especially true of mathematics. That being said, I will not collect your homework. This portion of your grade will be composed of homework checks and/or quizzes. The quizzes will primarily be unannounced short quizzes of 10-15 minutes or less. Their purpose is to encourage you to do your homework and attend class. The homework checks will be announced. We will have several of these throughout the semester and you will not be allowed to make up any missed quizzes or homework checks.

**Attendance:** I will not include attendance as part of your course grade. We are all adults, and I will treat you as such. However, I do expect you to attend everyday. If you miss any class, it is your responsibility to meet with me (if necessary) and catch up on the material you missed.

**Overview:** We will cover parts of Chapters 1, 2, 3, 4, 5, and 7 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 - Thursday, August 27

Final Date to Drop Courses Without a "W" - Thursday, August 27

Final Date to Drop Courses With a "W" - Monday, October 26

Below is a listing of the sections we will be covering this semester. Also, the tentative dates of our 2 exams and mid-term exam are listed. These may change if we fall behind or get ahead, but I will let you know at least a week before we have a test. If you have extra time, we may cover additional topics.

Chapter 1: Sections 1-6

### TEST #1

**Friday, September 18**

Chapter 2: Sections 1-3

Chapter 3: Sections 1,2\*

### Mid-Term Exam

**Wednesday, October 7**

Chapter 4: Sections 1-5

Chapter 3: Sections 3\*, 4\*, 5

Chapter 6: Section 4\*

### TEST #2

**Friday, November 6**

Chapter 5: Sections 1, 5

Chapter 7: Sections 1, 4, 5