

SYLLABUS
Mathematics 446 (Advanced Calculus)

PROFESSOR W. R. WADE
ACONDA COURT 110

Office Hours: Monday-Wednesday-Friday: 8:30-9:00, 11:10-11:30 AM, and 2:00-3:30 PM

Tuesday-Thursday: 9:00-10:00 AM,
or by appointment.

This course is a continuation of Math 445, and our text is “An Introduction to Analysis,” 4th edition, by Wade. We will continue to study the calculus of functions of several variables by covering parts of Chapters 11-13, and Chapters 6-7.

Your grades will have four components, all equally weighted.

- 1) **HOMEWORK** (worth 100 points). During some lectures, homework will be assigned. It is due at the beginning of the next class period. Fold it length-wise (like a book) with your name on the outside **FRONT** cover. Since the exams will be very much like the homework, and since the homework will count as one test grade, it is very important to do the homework on your own. No late homework will be accepted, but I will drop 4 homework scores beginning with any zero you might have earned for a missed assignment.
- 2) **TWO HOUR EXAMS** (each worth 100 points). Each exam will be announced a week in advance.
- 3) **THE COMPREHENSIVE FINAL EXAMINATION** (worth 100 points). This examination will be given on **Monday, May 10, 8:00-10:00 A.M.**

At the end of the semester I will average these points, and assign grades according to the following scale: 86-100 A—A-, 70-85 B+—B-, 55-69 C+—C-, 45-54 D+—D-. In particular, each exam and the homework is worth 25% of your grade.