

# MATH 442 INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS

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Instructor	Office	Phone	E-mail and Homepage
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**Classes:** Mon/Wed/Fri 10:00-10:50 am in 140 Henry Bldg.

**Text:** "Partial Differential equations, An Introduction", by W.A. Strauss.

We cover most of Chapters 1–6, 10, and some additional topics on transform methods.

## 1. Grading Policy:

Your grade will consist of homework, two tests and the final exam. Unreadable or disorganized work will not be graded. All work must be shown - a bare answer never suffices.

Item	Weight
Homework	20%
Tests	40%
Final Exam	40%

## 2. Homework:

Homework assignment will be assigned every Wednesday due on the following Wednesday. It is desirable to submit your homework in the class. However, if you miss a class but want to hand in your homework, you must bring your homework to my office by 4:50 pm. Clarity of exposition will always be a factor in the grading. The lowest homework score will be dropped.

## 3. Tests and Final Exam:

There will be **two tests** (each counting 20% of your total grade) and the **final exam** (40% of your total grade) given during the term. Tests are given as follows:

Test 1	around Sep 30
Test 2	around Nov 11
Final exam	Dec 17, Saturday 8:00-11:00 am

## 4. Test and Exam Make-Up Policy:

**Policy in this course is not to give make-up tests.** In the event that you **have to** miss one of these tests because of an emergency, you must contact the instructor immediately and you may, **at the instructor's discretion and with written documentation of the cause of your absence**, count the final exam 20% more to make up the missing grade. However, this is not recommended since the final exam covers the entire course and as a result a bit more difficult than tests. Vacation and leisure plans are never a valid excuse. No make-up for the final exam.

## 5. Work outside class:

The university expects you to work at least 2 hours outside class for each hour in class. That means at least 6 hours per week on Math 442, outside class. Use this time to read the textbook and your notes, to do homework and to prepare for tests (e.g. make study summary notes).