

INSTRUCTOR Paul J. Atzberger
<http://atzberger.org/>

Office Hours: TR 1:45 – 3:15pm
Location: SH 6712 / PHELP 2516.



CLASS TIMES TR 12:30 – 1:45pm
PHELP 2516.

DESCRIPTION Partial Differential Equations (PDEs) play an important role in many fields including in mathematics, statistics, natural sciences, engineering and finance. This class will discuss both mathematical foundations and practical solution methods for PDEs. Examples also will be discussed from related applications areas. More information can be found on the course website.

PREREQUISITES Calculus, Linear Algebra, and Ordinary Differential Equations

TEXTBOOKS *Partial Differential Equations (An Introduction)* by Walter A. Strauss.

GRADING

Homework/Quizzes	30%
Midterm	30%
Final Exam/Project	40%

POLICIES Assignments will be assigned in class and posted on the course website. Prompt submission of homeworks will be required. While no late homework will be accepted, one missed homework will be allowed without penalty. While it is permissible for you to discuss materials with classmates, the submitted homework must be your own work.

There is a policy of no video or pictures to be taken during lectures. Instead, one should take notes and pay particular attention. There is also a policy of no texting, e-mailing, or social media during the class. It is hoped one is avoiding such distractions to make the most of the class.

EXAMS A midterm exam will be on Thursday, May 9.
Final exam (see university calendar).

TOPICS See the website for additional information.

WEBSITE <http://teaching.atzberger.org/>