

**MATH 536703: PARTIAL DIFFERENTIAL EQUATIONS I, FALL 2022.
COURSE SYLLABUS**

Instructor. Yi-Hsuan Lin

- *Office:* Science Hall A, office 228
- *Email:* yihsuanlin3@math.nctu.edu.tw
- *Office Hours:* Using *email* to make appointments.

Lecture: Tuesday 2 & Friday 3-4 @ SA214.

References:

1. Walter A. Strauss, Partial Differential Equations: An Introduction 2nd Edition
2. Lawrence C. Evans, Partial Differential Equations: Second Edition (Graduate Studies in Mathematics) 2nd Edition

Please note that course announcements, all information is posted on the course webpage. Please also note that this course is for the *graduate level*, for those undergraduate students, please think more before taking this course.

Grading: Your grade will be determined relied on the combined scores from homework, midterm and final term. Grade records will be posted on the E3 system NCTU:

<https://e3new.nctu.edu.tw/login/index.php>

The distribution of your grade is given by

Homework:	40%
Midterm term:	30%
Final Exam:	30%
Final Grade:	100 %

- *Please hand in your homework on time. Otherwise we will not count such homework into your final grade.*

Exams: The time and classroom of the midterm and final exam are the same as our lectures. They are scheduled on

Midterm:	Friday, November 4, 2022.
Final term:	Friday, December 23, 2022.

Using notes, books, or electronic devices is prohibited while taking the exams. Makeup exams will NOT be considered, and you will be punished by the university policy:

http://scahss.sa.nctu.edu.tw/?page_id=603.

Teaching Assistants:

- TBA