

Math 4391/6391, Partial Differential Equations, Fall 2020

Professor: Hongqiu Chen

Class hours: TTh 1:00-2:25pm

Office hours: W: 1:00pm-3:00pm, or by appointment via ZOOM

email: hchen1@memphis.edu

Textbook : A first course in Partial Differential Equations with complex variables and transform methods by H.F. Weinberger.

Attendance via ZOOM : Required. Be on time for class.

Prerequisite : Calculus, Multiple Variable Calculus, Ordinary Differential Equations

Course Objectives : We intend to cover Chapters 1-6, possibly part of chapter 7.

Methods : This course is lecture based.

Homework : Problems will be assigned.

Examinations : Two mid-term examinations will be given on Tuesday, September 15 and Thursday, October 15, 2020. To be determined whether they will be in class or taken home.

A comprehensive final examination will be given on the university scheduled date, Thursday, November 19, 2020.

Makeup Examinations :

Generally, no makeup exams will be given.

Grades : Grades will be assigned on the basis of 1000 points distributed as follows:

300 points: the first mid-term exam

300 points: the second mid-term exam

100 points: homework

300 points: the final examination

960-1000: A_+ 900-959: A 870-899: A_-

840-869: B_+ 800-839: B 770-799: B_-

740-769: C_+ 700-739: C 670-699: C_-

640-669: D_+ 600-639: D 0-599: F

I will assign problems, likely through email or University eCourseware. they are required to be written up in detail. It is **extremely important to do all homework in order to pass the course**

Here is information you need to know.

Student Accommodations Students with accessibility issues or learning accommodation issues due to a disability should contact Disability Resources for Students (DRS) to submit an official request for course accommodations. Contact DRS at 901.678.2880 or at drs@memphis.edu.

(<https://www.memphis.edu/drs/index.php>)

Academic Integrity Plagiarism, cheating and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly, through participation or assistance, are immediately responsible to the instructor of the class in addition to other possible disciplinary sanctions which may be imposed through the regular institutional disciplinary procedures.

(<https://www.memphis.edu/osa/students/academic-misconduct.php>)

Student Health Students who have a positive COVID-19 test should contact the Dean of Students at deanofstudents@memphis.edu.

Student Resources Students who need additional resources can visit the Dean of Students Office website at <https://www.memphis.edu/deanofstudents/crisis/index.php>.

More information about covid procedures can be found in the link <https://www.memphis.edu/msci/news/covid.php>