

## Math 4391/6391, Partial Differential Equations, Fall 2015

Professor: Hongqiu Chen

Class hours: TR: 9:40-11:05am at DH203

Office hours: Tuesday: 1:00pm-3:pm and by appointment

Office: 371 Dunn Hall

Telephone: 678-3141

email: hchen1@memphis.edu

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

**Attendance** : 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 in class.

**Examinations** : Three mid-term examinations will be given during class time (9:40-11:05am) on the following dates: Sept. 24, Oct. 22 and Nov. 24.

**A comprehensive final examination will be given on the university scheduled date, Tuesday, Dec 8, 10:30am - 12:30pm.**

**Makeup Examinations** :

Students who have a valid verifiable reason (for example, illness, official University conflict) are permitted to schedule a makeup examination. Students who do not have a valid reason (for example, forgetting the date and/or time of an examination) are also permitted to schedule a makeup. For students in this latter group, 20 points out of 100 will be deducted from the score. Students who have taken the original examination are not allowed to take the makeup examination. Makeup examinations require 85 minutes.

**Grades** :

If a student is happy with the three mid-term exams, he or she may choose not to take the final exam. Otherwise, the points of his/her final exam will be used to replace that of the lowest midterm.

Grades will be assigned on the basis of 1000 points: 250 points are from each exam and 250 from the semester's homework assignments.

I will assign problems in class, they are required to be written up in detail. It is **extremely important to do all homework in order to pass the course**

Please turn off your cell phone and any other electronic devices which may disturb class during class time.