

Purdue University
MA/CS 615
Spring 2017
Syllabus

Instructor: Xiangxiong Zhang
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1 General Information

- Class time and location: TR 01:30PM-02:45PM at MATH 215.
- **Office Hours:**
Wednesday 1:30 pm-2:30 pm (or by appointment).
- **Textbook:** Randall J. LeVeque, *Finite Difference Methods for Ordinary and Partial Differential Equations, Steady State and Time Dependent Problems*, 2007.
- Prerequisite: MA 514 and MA 511 or similar equivalent courses.

1.1 Webpage:

<http://www.math.purdue.edu/~zhan1966/teaching/615>. Please check the webpage regularly for important information such as homework assignments and **announcements**.

1.2 Attendance and Grief Absence Policy

Please refer to the basic policy on the webpage.

1.3 Statement for Students with Disabilities

If you have been certified by the Disability Resource Center (DRC) as eligible for academic adjustments on exams or quizzes see <http://www.math.purdue.edu/ada> for exam and quiz procedures for your mathematics course or go to MATH 242 for paper copies. In the event that you are waiting to be certified by the Disability Resource Center we encourage you to review our procedures prior to being certified. For all in-class accommodations please see your instructors outside class hours before or after class or during office hours to share your Accommodation Memorandum for the current semester and discuss your accommodations as soon as possible.

1.4 Classroom Safety

Please refer to the basic policy on the webpage.

2 Grading

We will have about four to six sets of homework problems, and one take-home final exam. Both analysis and coding will be involved. The final grade consists of approximately 60-70 % homework and 30-40 % take-home final exam. Refer to the course webpage for how to submit homework and final exam.

2.1 Homework:

Late homework will not be accepted. Exceptions may be considered for either a well justified and documented reason **with prior notifications** or an emergency.

2.2 Take-home final exam:

The Final Exam will be given at least two weeks before the end of the Final Exam Week.