# SYLLABUS FOR MA 30300, DIFFERENTIAL EQUATIONS AND PARTIAL DIFFERENTIAL EQUATIONS FOR ENGINEERING AND THE SCIENCES, FALL 2019

Instructor: Baiying Liu
Email: liu2053@purdue.edu
Office: MATH 616
Office phone: 765-494-1971
Office hours: TBA on my personal webpage
Lecture when and where: TR 10:30-11:45, REC 307 (section 430)

**Course website**:

Under `http://www.math.purdue.edu/~liu2053/math303-2019Fall.html`, you can find this syllabus as well as some other info about the course.

The department course webpage is `https://www.math.purdue.edu/academic/courses/coursepage?subject=MA&course=30300`.

The BlackBoard login page is `https://mycourses.purdue.edu`.

**Textbook**:

C. Henry Edwards, David E. Penny, and David Calvis, Differential Equations and Boundary Value Problems: computing and modeling, 5th edition (note that you have the option of using the ebook from MyLabMath from Pearson):
`https://www.amazon.com/Differential-Equations-Boundary-Value-Problems/dp/0321796985`.

**Calculators**:

Calculators are NOT allowed on tests and quizzes. All exams will be closed book, closed notes, with no paper or electronic devices allowed.

**Homework**:

Online homework (MyLabMath) is due by Thursday evening 11:59 PM. Hand-Graded homework is due every Thursday at the beginning of class. **No late assignments will be accepted.** The homework due in any given week is the homework corresponding to the material of the previous week. Homework must be readable and **must be stapled**. Illegible scribbling will receive no credits from the grader.

You are encouraged to attempt all the questions and discuss with your classmates. However, the write-up must be of your own.

**Midterms**:
There will be two evening midterms,
1. **Wednesday, 08:00-09:00 PM, Sep 25th, at LWSN B155**.
2. **Wednesday, 08:00-09:00 PM, Oct 30th, at LWSN B155**.
There are no make-up exams. In extreme situations, at most one midterm could be missed upon permission of the lecturer. And the missing midterm score will be the average of another midterm and 50% of the final exam.

Due to the University policy, for each evening midterm exam, one class time (TBA) will be canceled.

**Final Exam**:
The Final Exam will be given during the Final Exam Week. The location and date of the final will be announced in class.

There are no partial credits for multiple choices problems in either midterms and final exam.

**Course Grade**:
Your course grade will be determined using the following distributions:

| | |
|---|---|
| Homework (Online + Hand-Graded) | 20% |
| 2 Midterms, 20% each | 40% |
| Final Exam | 40% |

The lowest 3 hand-graded homework scores and lowest 3 online homework scores will be dropped.

**Statement for Students with Disabilities**:
Purdue University strives to make learning experiences accessible to all participants. If you anticipate or experience physical or academic barriers based on disability, you are encouraged to contact the Disability Resource Center at: drc@purdue.edu or by phone: 765-494-1247.

In this mathematics course accommodations are managed between the instructor, student and DRC Testing Center. Students should see 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. For more information, see `http://www.math.purdue.edu/academic/courses/ada`.