Basic Information

- Times: MWF 9:00-9:50am (Sec B13) or 11:00-11:50am (Sec D13)
- Room: 245 Altgeld Hall
- How to succeed in Math 441
- Class policies
- Cellphone policy: to promote interaction and concentration, cell phones are not to be used for any purpose in the classroom - put them away before you enter the room. Anyone using a cellphone will be asked to leave.
- Tablets and laptops are permitted, provided they are used for class purposes.
- DRES: please email your DRES letter to me as early as possible in the semester, so that we can make appropriate accommodations.
- Travel and leisure plans, even for family events, are never a legitimate reason for missing an exam.
- Text: Boyce & DiPrima Elementary Differential Equations and Boundary Value Problems (10th edition). An electronic copy of this textbook is included with your Webassign access. If you like to study using a hard copy of the book, then you can buy a used copy of any recent edition of Boyce & DiPrima Elementary Differential Equations (either with or without Boundary Value Problems, since those chapters are not covered in our course).

Grades

- 45% midterms - the lowest scoring midterm is worth 5%, and the other two midterms are worth 20% each
- 30% - final exam
- 15% - Webassign homework (lowest five dropped; no extensions)
- 10% - written homework 10% (lowest one dropped)

Check your grades on Gradebook.
**Collaborative homework sessions** - Monday 5-6pm and Thursday 5-6pm in 243 Altgeld Hall. Come and work on homework with other students and Prof. Laugesen. We learn mathematics more quickly and deeply when we discuss it with others.

**Office hour** - Fridays 2:30-3:30pm in 376 Altgeld Hall, or else talk to me after class, or make an appointment phone (217-333-1329) or email.

**Handouts and class schedule**

**Piazza discussion group**

**Written homework** - assigned weekly

**Webassign homework** - check online for the Webassign assignment after each class. Due 4 or 5 days later. Please purchase Webassign access before the start of the semester.

**Technical support**: If you have any difficulty registering for Webassign and getting access to the course, or if you encounter any access problems later in the semester, please email webassign@illinois.edu to report the issue. Include as much detail as possible (name, NetID, Math 441, Spring 2019, error message you received, etc.) so that they can assist you effectively.

**Software links**

- Direction field plotter
- WolframAlpha for direction fields, solving DEs, and more
- Iode package for direction fields, first and second order ODEs, and first order systems (Iode runs inside Matlab, which students get free from the Webstore)
- Java applets for vibrating membranes (and other vibrating systems), these are not part of the class but are fun to play around with
Midterms and final exam

Midterm 1 - Monday February 11 - 7:00-8:15pm in the evening (it is designed as a 1 hour exam, but we give you 75 minutes). Room: 66 Main Library (enter from Wright Street, on the north side).

Midterm Conflict 1 - Tuesday February 12 - 8:00-9:15am in the morning. For approved students only. Room: 441 Altgeld Hall.

Midterm 2 - Wednesday March 13 - 7:00-8:15pm in the evening (it is designed as a 1 hour exam, but we give you 75 minutes). Room: 66 Main Library (enter from Wright Street, on the north side).

Midterm Conflict 2 - Thursday March 14 - 8:00-9:15am in the morning. For approved students only. Room: 441 Altgeld Hall.

Midterm 3 - Wednesday April 17 - 7:00-8:15pm in the evening (it is designed as a 1 hour exam, but we give you 75 minutes). Room: 66 Main Library (enter from Wright Street, on the north side).

Midterm Conflict 3 - Thursday April 18 - 8:00-9:15am in the morning. For approved students only. Room: 441 Altgeld Hall.

Final Exam - Tuesday May 7 (tentative date) - to be confirmed by mid-February - 7:00-10:00pm in the evening. Room: assigned later.

Final Exam Conflict - Thursday May 9 (tentative date) - to be confirmed by mid-February - 7:00-10:00pm in the evening. For approved students only. Room: assigned later.