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.