

Syllabus for Math 285 Differential equations

General information

- **Instructor:** Daesung Kim (daesungk@illinois.edu), 247B Illini Hall
- **Office Hour:** TBA
- **Section:** E1 and F1
- **Time and place:** MWF 1-1:50pm (Section E1) and 2-2:50pm (Section F1), 66 Library
- **Course webpage:** <https://daesungk.github.io/teaching-s20-math285.html>
- **Prerequisites:** Math 241 (Calculus III)
- **Tutoring:** 445 Altgeld, from 4–8pm Monday–Thursday
- **Textbook:** Elementary Differential Equations and Boundary Value Problems. 10th Edition, Boyce & DiPrima, Wiley
- **Moodle site:** <https://learn.illinois.edu/course/view.php?id=44268>
- **Piazza site:** <https://piazza.com/class/k4yp5bayt5l7bz>
- **Webassign site:** <https://www.webassign.net/uiuc/login.html>

Description

This course is intended for engineering students and others who require a working knowledge of differential equations; included are techniques and applications of ordinary differential equations and an introduction to partial differential equations.

Tutoring

445 Altgeld Hall, Monday-Thursday, 4-8 pm. Starting from the second week of classes, several TAs will always be present, and will answer your questions. I strongly encourage you to take advantage of the tutoring room.

Homework

- Following each lecture, a WebAssign homework will be posted. You can access WebAssign at <https://www.webassign.net/uiuc/login.html>.
- Homework must be completed within 7 days of the time it is assigned. The due time will always be 8pm. You can find the due date on Webassign.
- It is allowed to discuss the homework with your classmates, but try to understand the solution yourself (you may encounter similar problems on the exams).
- The four lowest WebAssign homeworks will be dropped at the end of the semester. There will be no make-up WebAssign homeworks or extensions.

Exam

- **Midterms:** Three 90 minute exams will be held at 7-8:30pm on the following date: Feb 19, March 25, and April 22. The place will be announced later.
- **Final exam:** The date, time, and place will be announced later.

Policy

- **Overall grading:** Webassign homeworks (25%), three midterm exams (15% each), and a comprehensive final exam (30%). The cut-off will be determined at the end of the semester based on the overall performance.
- **Cheating:** Cheating is taken very seriously. Penalties for cheating on exams, in particular, are very high, typically resulting in a 0 on the exam or an F in the class.
- **Disabilities:** Students with disabilities who require reasonable accommodations should see me as soon as possible. In particular, any accommodation on exams must be requested at least a week in advance and will require a letter from DRES.