

Math 230 - Differential Equations

Spring 2025 Course Syllabus Highlights

This contains the highlights from the complete syllabus, which is available on the instructor's website.

Course Meeting Information

The Spring 2025 semester begins January 13 and ends May 9.

Section 01 meets in W249 from 10:00 to 11:10 am on Monday, Wednesday, and Friday.

Here are some important dates.

- January 23 is the last day to withdraw and get a refund.
- May 6 is the last day to withdraw from the course without receiving a letter grade.
- The comprehensive final exam is Wednesday, May 7, from 10:00 to 11:50 am.
- No late work will be accepted after May 9.

This is a face-to-face course that uses the Canvas learning management system. There is an online student orientation to Canvas and the College that must be completed prior to obtaining access to your courses in Canvas.

Attendance requires both (1) physical presence with active engagement in the classroom and (2) submitting assignments. Being present but working on other things does not count as attendance. Classroom attendance is recorded to the nearest 10% of a class period (7 minutes).

Assignments will be due throughout the week and, per federal guidelines, a typical student should expect to dedicate a minimum of 12 hours per week to this course.

Instructor Information

James Jones, Professor of Mathematics

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Email: james@richland.edu

Office: S224

Web: <https://people.richland.edu/james>

Canvas: <https://richland.instructure.com>

The best way to contact the instructor is through Canvas or by email.

Office Hours

I spend most of my office hours in the classroom before and after class. This allows me to help students with their assignments, homework, projects, exams, and questions. Students are encouraged to come to class early each day and use that time to ask questions of the instructor, work on projects, or just socialize with other students in the course.

These office hours are on Monday, Wednesday, and Friday in room W249.

8:20–8:30 am, 9:40–10:00 am, 11:10–11:30 am, 12:30–1:00 pm, 1:50–2:00 pm, 3:10–3:20 pm

Text

- Differential Equations with Boundary-Value Problems, seventh edition. Dennis G. Zill, Michael R Cullen. Copyright 2009, Brooks/Cole. ISBN-13: 978-0-495-10836-8 (required)
- Differential Equations with Boundary-Value Problems Student Solutions Manual. Warren S. Wright, Dennis G. Zill, Carol D. Wright. Copyright 2009, Brooks/Cole Publishing Company. ISBN 978-0-495-38316-1. (Optional)

Grading Policy

Letter grades will be assigned to final adjusted scores as follows:

A: 90-100% B: 80 - 89% C: 70-79% D: 60-69% F: below 60%

Final scores are rounded to the nearest integer and 79.5% will be considered a "B". Canvas may show a + or -, but this is advisory in nature and will not appear as the final grade.

The final grade is a weighted average:

- 65% from exams: three exams worth 15% each and a comprehensive final worth 20%.
- 20% from four take-home exams, each worth 5% of the grade.
- 15% from other assignments such as homework, quizzes, discussions, and technology projects. 10% of the assignments in this category will be dropped.

Highlights

- Keep in communication with the instructor, especially if things get in the way of learning.
- Online assignments are by the end of the day on their due date.
- Do not wait until an assignment shows up on your To-Do list to begin it.
- Homework is not collected directly, but each section has a timed quiz in Canvas that asks questions similar to the homework.
- Some assignments may be accepted late with a penalty of 20% of the point value.
- You need to monitor and respond to your Canvas notifications and Richland email.
- You are expected to attend and participate in class each day.
- Students who do not communicate with the instructor, have irregular or infrequent attendance, or are failing before midterm may be dropped from the course.
- All scoring is subject to audit and change if mistakes are found.
- All work must be original and completed during the Spring 2025 semester to receive credit. Generative AI such as ChatGPT is not considered original work.