

MATH 113 – Introduction to Applied Statistics

Fall 2024 Course Syllabus Highlights

These are highlights from the full syllabus, which is available on the instructor's website.

Course Meeting Information

The Fall 2024 semester begins August 19 and ends December 11.

Section 01 meets in W249 from 8:30 to 9:40 am on Monday, Wednesday, and Friday.

The final exam will be taken online using the Canvas learning management system. It can be completed anytime between 12:00 am on December 9 and 11:59 pm on December 11.

Here are some important dates.

- August 29 is the last day to withdraw and get a refund.
- December 6 is the last day to withdraw from the course without receiving a letter grade.
- No late work will be accepted after December 11.

This is a face-to-face course that uses the Canvas learning management system.

Submitting assignments in Canvas does not count as attending class. Attendance requires more than physical presence; you must be actively engaged to be counted present. If something is more important than class (sleeping, listening to headphones, using your phone, playing games, working on other classes, etc.) then do it outside the classroom. Attendance is graded and recorded to the nearest 10% of a class period (7 minutes).

Assignments will be due throughout the week and, per federal guidelines, you 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. Please do not leave a voice mail as it will not reach the instructor in time to help you.

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.

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

8:20–8:30 am, 9:40–10:00 am, 10:50–11:00 am, 12:45–1:00 pm, 2:10–2:30 pm, 3:55–4:20 pm

Text

Introductory Statistics with Randomization and Simulation, 1st edition. David M. Diez, Christopher D Barr., and Mine Çetinkaya-Rundel. OpenIntro. ISBN 978-1-50057-669-1 (required)

Download a free PDF version of the textbook from <https://www.openintro.org>. You can rent a printed (non-color) version of the textbook for a few dollars from the College Bookstore. The choice of using a printed textbook vs an electronic one is completely up to the student.

Grading Policy

The score is a weighted average of concepts (45%), projects (35%), activities (10%), and assignments (10%).

Final scores will be rounded to the nearest integer and then letter grades will be assigned:

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

Scoring is subject to audit and may change if mistakes are found. The gradebook in Canvas may show your grade with a + or -, but the final course grade will not have these attached.

Highlights

- Keep in communication with the instructor, especially if things get in the way of learning.
- You need to monitor and respond to your Canvas notifications and Richland email.
- You are expected to attend and participate in class each day. Attendance is graded.
- Students who do not communicate with the instructor, have irregular or infrequent attendance, or are failing before midterm may be dropped from the course. If you have less than 50% of the points at midterm, you are likely to be dropped.
- You do not need a *graphing* calculator. A scientific calculator is recommended, but whatever you have, *make sure you know how to use it*.
- Your grade is based on performance, not potential. Make sure to submit what is asked for.
- Discussions are more than "post once, reply twice" in this course.
- Projects and discussions are graded holistically using an *awesome* (105%), *good* (90%), *okay* (75%), *fair* (60%), *poor* (45%), and *none* (0%) system.
- Quizzes can be attempted multiple times, but the average score is kept, not the highest.
- Classroom time will be spent on activities and projects. You will need to watch the video lectures and take the quizzes outside of class.
- This course makes heavy use of technology, but it is not the focus of the course.
- All work must be original and completed during the Fall 2024 semester to receive credit. Generative AI such as ChatGPT is not considered original work.
- Critical thinking is a key component of this course. The instructor will almost never give a direct answer, but guide you towards an answer. You should not assume that you are wrong when you are asked "Are you sure?" or "Is it?" but use that opportunity to think about why.