

MATH 113 – Introduction to Applied Statistics

Spring 2021 Course Syllabus Highlights

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

If you are coming to campus, you must prescreen at <https://www.richland.edu/prescreen>
Updated information regarding Richland's response to COVID-19 can be found on the College's coronavirus page at <https://www.richland.edu/coronavirus>

Course Meeting Information

The course meets January 14 through May 13. Here are some important dates.

- January 27 is the last day to withdraw and get a refund.
- May 7 is the last day to withdraw from the course without receiving a letter grade.
- The comprehensive final exam may be completed anytime between May 10 and May 13.
- Absolutely no late work will be accepted after May 13.

This is an online course and does not meet face-to-face. The Canvas learning management system will be used. 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 is determined by submission of assignments within Canvas. 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

Phone: 217-875-7211, ext 6490

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.

Office Hours

Office hours will be held by Zoom meeting. Information is provided within Canvas.

Office hours are tentatively scheduled for the times listed below.

- Monday, Wednesday, Friday: 1:00 pm – 1:50 pm
- Tuesday, Thursday: 10:00 pm – 10:50 pm (yes, 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>. If you would like a printed (non-color) version of the textbook, you can rent it for a few dollars from the College Bookstore or buy it new on [Amazon for \\$8.49](#).

The choice of using a printed textbook vs an electronic one is completely up to the student.

Grading Policy

The score grade is a weighted average of concepts (45%), projects (35%), discussions (10%), and activities (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.
- Students who do not communicate with the instructor, have irregular or infrequent attendance, or are failing before midterm may be dropped from the course.
- You do not need a *graphing* calculator. A scientific calculator is recommended, but whatever you have, *make sure you know how to use it*.
- You will need access to a Windows or Mac computer for this class. We will be using Minitab 19 that will not run on a Chromebook or tablet. You will need to rent **Minitab 19** for \$30 to work. **Make sure you do not get Minitab Express.** <https://www.onthehub.com/minitab>
- The federal government expects significant student-to-student interaction in an online course. This will mostly be in the form of weekly discussions for this course. 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.
- This course makes heavy use of technology, but it is not the focus of the course.
- 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.