

MATH 113 – Introduction to Applied Statistics

Fall 2019 Course Syllabus Highlights

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

Course Meeting Information

Section 01 meets from 9:00 to 10:10 am and section 02 meets from 3:30 to 4:40 pm. Both sections meet Mon, Wed, and Fri in room S137 from August 15th to December 11th.

This is a face-to-face course, but the Canvas learning management system will be used. Submitting assignments in Canvas does not count as attending class.

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 outside of class 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

I spend most of my office hours in the classroom, room S137. This allows me to help students with their assignments, homework, projects, exams, and questions.

Monday, Wednesday, Friday: 10:10–10:30 am, 1:00–1:15 pm, 2:40–3:00 pm, 4:10–4:40 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>. A printed (non-color) version of the textbook is [available on Amazon for \\$8.49](#) or from the College Bookstore.

The choice of using a printed textbook vs an electronic one is completely up to the student. Use whichever one works better for you.

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.

Highlights

- Expect to average spending at least 10 hours per week on this course.
- You are responsible for all information given in class, even if you are absent.
- Assessment and evaluation will be incorporated into the daily classroom experience. There is no make-up of these daily assessments or quizzes given through Canvas. A 10% discount will be applied to in-class interactive concept assessments, so any grade above 90% is considered extra credit. The lowest grade will be dropped for each of the concepts, discussions, and activities categories.
- No project grades will be dropped, but projects may be submitted, with a reduction in score, up to two weeks after the due date. Absolutely no late work will be accepted after the final.
- There are no traditional exams in this course. Rather than having a few high-stake assessments, we will have frequent low-stake assessments.
- Scoring may change if mistakes are found in the grading. This is particularly true of Canvas quizzes. Your score may go up or down, so do not settle for the minimum score.
- Attendance, participation, and engagement are essential and absence reporting will be measured using all three. Submitting work without coming to class does not count as attendance. You are expected to attend and participate in class. Students who do not communicate with the instructor and have irregular or infrequent attendance, miss the first day of class, or miss any two consecutive days may be dropped.
- You do not need a *graphing* calculator, but you should bring a scientific calculator every day.
- You will need to spend time outside class working on projects. You may rent Minitab 19 for \$30 to work from home: <https://www.onthehub.com/minitab>. Tableau has a free one-year license for students and works with either a Mac or Windows although you can get most of it done with just a web browser: <https://www.tableau.com/academic/students>
- Participation in discussions should occur throughout the discussion period.
- Projects and discussions are graded holistically using an *awesome* (105%), *good* (90%), *okay* (75%), *fair* (60%), *poor* (45%), and *none* (0%) system.
- 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 simple answer, but guide the class towards applying their knowledge to answer it themselves. 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.