

Syllabus

Math 10.15, Introductory Statistics, Fall 2023

CRN: 27526

Instructor: Rani Fischer

Email: fischerrani@fhda.edu

Office Hours: Monday & Wednesday 10:30-11:30am AND Tuesday & Thursday 11am-noon in S37

Required Materials: [Workbook](#), PLEASE BUY AT BOOKSTORE AND BRING TO CLASS EVERY DAY.

Non-Required Materials because they are available online for free

Textbook – [Statistics by Illowsky & Dean](#), ISBN ISBN-13: 978-1-947172-05-0

Calculator – We will use online calculators found on the Canvas homepage, so no need to buy or rent anything.

Student Learning Outcomes:

- Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.
- Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory. • Collect data, interpret, compose and evaluate conjectures, an

Grading: Grading will be based on the following criteria.

Quizzes 10% (done online, 28 of them)

Midterm Exams 30% (3 of them at 10% each)

Labs 10% (3 of them)

Group Work 15%

Discussions 5%

Online HW 10%

Final Exam 20%

****Grading Scale (points)****

97% to 100% = A+	93% to 96% = A	90% to 92% = A-
87% to 89% = B+	83% to 86% = B	80% to 82% = B-
77% to 79% = C+	73% to 76% = C	
60% to 69% = D	0% to 59% = F	

Group work: There will be group work sets that will be due each Monday morning at the beginning of class. THESE MUST BE HANDWRITTEN on paper by each person INDIVIDUALLY. You may talk with anyone about it and share ideas; however, if I find that you are copying word for word without thinking on your own, I will not be pleased.

Online Homework: The online HW is under Assignments (scroll all the way down) on Canvas. Even if you turn it in late, you will get points for it, though it is best to do it when it is due so that your questions don't snowball.

Discussion: Each week I will post a topic on the Discussion board on Canvas. You will get points for participating constructively on these discussion topics. Each discussion will be due every Wed midnight.

Exams: There will be 3 midterm exams and a final exam during the quarter given on Canvas. Your lowest exam score will be dropped. There will be a flexible 3-day window to complete each exam. **There are no make-up exams.**

Final Exam will be on Monday, Dec 11, 11:30am

Labs: We will have three labs which may be submitted AS A GROUP. Computer labs can be done in groups of no more than four people for a common grade and be turned in by the due date.

Adding/Dropping: If you choose not to complete the course, it is your responsibility to officially drop or withdraw from the course by the deadline date.

Attendance: By state law attendance cannot be part of your grade. However, I will take attendance at every class.

Other Information: All students are expected to understand the college policy on cheating as outlined in the student handbook. **Plagiarism (submitting another's work as your own) will result in an immediate failure for the course for your entire group.**

If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact [Disability Support Services \(Links to an external site.\)](#) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

Student Learning Outcome(s):

- Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.
- Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.
- Collect data, interpret, compose and evaluate conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

Office Hours:

T,TH	11:00 AM	12:00 PM	In-Person	S37
M,W	10:30 AM	11:30 AM	In-Person	S37