

Course Information

Semester & Year: Fall 2019
Course ID & Section #: Math 15S, D8551
Instructor's name: Levi Gill
Day/Time: 2:45-4:10PM
Location: DM 15
Number of units: 1

Instructor Contact Information

Office location: E2
Office hours: By Appointment
Phone number: 707-465-2361
Email address: levi-gill@redwoods.edu (preferred method of contact)

Required Materials

Textbook Title: <i>See book options below</i>
Edition:
Author:
ISBN:
Other requirements: materials, equipment or technology skills

Catalog Description

A support course for Math 15, "Introduction to Statistics." Through hands-on activities and group work, students learn skills and explore concepts crucial for success in transfer-level statistics.
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Course Student Learning Outcomes *(from course outline of record)*

<ol style="list-style-type: none">1. Apply numerical and algebraic techniques to understand and evaluate statistical formulas.2. Interpret graphs and represent data graphically to support statistical arguments.3. Implement effective learning strategies.

Evaluation & Grading Policy

This class is Pass / No Pass only and there is no letter grade. To earn a passing grade you need to earn 70% on the lab assignments.
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Prerequisites/co-requisites/ recommended preparation

Co-requisite: Math 15

Falling Behind or Not Showing Up

First of all, I want to make it clear: *I will never judge you for falling behind or not showing up.* Despite our best efforts, sometimes life gets in the way of school. Sometimes other classes end up requiring more work than expected, so school gets in the way of school! I've been there in both cases and have had to drop classes mid-semester because I had too much on my plate. So I totally understand. I'm here to help you and don't feel like you owe me an apology for doing your best to balance your life.

But let's assume the worst happens, and for some reason your fall behind or stop showing up.

Falling Behind. If I notice that you are falling behind, I'm going to reach out by email and offer to help. Guaranteed. But at some point you can get so far behind that there's no way you'll pass the class. *If you fall more than two weeks behind in your work, I reserve the right to withdraw you from the class.* This means you get a W instead of an F on your transcript, which is much better for your GPA. I'll never do this without discussing with it with you first and giving you plenty of heads up. My first impulse is always to get you caught up.

Not Showing Up. This isn't an online class. To meet all the learning goals and objectives of this class, it is expected that you attend class and participate in the activities. So even if you're online doing the work but not showing up to class, I still have to consider you absent. Similar to the previous situation, *if you disappear from class and miss more than two weeks, then I reserve the right to withdraw you from the class.* I'll make an attempt to reach out to you first.

Are there exceptions? Yes, there's no way for me to predict every situation. That's why I use the language "I reserve the right." Ultimately I have to make a judgment call that makes sense for the each situation, and that's why I'll always try to reach out and discuss the situation with you. But in my experience, the critical amount of time/work from which it becomes nearly impossible to catch up from is two weeks.

Books

Naked Statistics by Charles Wheelan

ISBN: 039334777

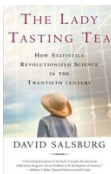
If you've read this book already (example Math 102 students), then you can't use this one. Otherwise, this is a book is a good introduction to the topic of statistics as it's used in society today. It will reinforce and further inform you on the topics we discuss in this class



The Lady Tasting Tea: How Statistics Revolutionized Science in the Twentieth Century by David Salsburg

ISBN: 0805071342

One of the neat things about statistics is that it is relatively new discipline. Most everything you would learn in algebra has been known for hundreds if not thousands of years. But statistics has been developed over the last one hundred years. In this book, David Salsburg weaves the topics of statistics together with the stories the people who created them.



Statistics Done Wrong: The woefully complete guide by Alex Reinhart

If you are going to use statistics after this class, then this is the book for you. It will build on the concepts we're learning and explain the boundaries and limits of the methods. It will also help you recognize when a study is using statistics improperly.

