

Course Information

Semester & Year: Spring 2020
Course ID & Section #: MATH-15-E7456
Instructor's name: Adamou Fode Made
Day/Time or *Online: M-W 6:05 pm to 8:10 pm
Location or *Online: SC 214
Number of units: 4

Instructor Contact Information

Office location or *Online: TBA
Office hours: TBA
Phone number: N/A
Email address: Adamou-fodemade@redwoods.edu

Required Materials

Textbook Title: Interactive Statistics
Edition: Third Edition
Author: Martha Aliagra and Brenda Gunderson
ISBN: ISBN-13: 978-0131497566
Other requirements: TI-83 or TI-84 or Calculator with the ability to do graphing.

Catalog Description

An introduction to basic concepts of descriptive and inferential statistics, with emphasis on the meaning and use of statistical significance. Students will use probability techniques to make decisions via hypothesis testing and will estimate parameters using confidence intervals. The course includes applications from a variety of technical and social science fields.

Course Student Learning Outcomes *(from course outline of record)*

1. Accurately communicate statistical ideas using correct statistical notation, graphs, and vocabulary.
2. Use descriptive and inferential statistics to better understand real-world problems.
3. Demonstrate appropriate use of technology in making decisions based upon real-world data.
4. Read and interpret information that contains statistical analysis and be able to communicate these results.
5. Judge the validity of research reported in the mass media and peer reviewed journals.

Evaluation & Grading Policy

- **Homework (30%)** - at the end of every chapter, expect about 14 of them and they are always due a week after they are assigned. These will be grade based on completion.
- **Quizzes (40 %)** at the end of every chapter. These are in class quizzes ranging from 20-30 minutes depending on the topics. Expect these the day homework of that chapter is due. Your lowest quiz will be dropped.
- **Final Exam (30%)**

Prerequisites/co-requisites/ recommended preparation

[If applicable]

***ONLINE REQUIREMENTS - The following are required online courses but are recommended for all (see * in contents).**

Special accommodations statement

[College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability-related services and accommodations, please see me or contact Disability Services and Programs for Students. Students may make requests for alternative media by contacting DSPS: Eureka: 707-476-4280, student services building, 1st floor

Student feedback policy

Feedback will be given on quizzes when they are returned.

Proctored Exams

[Only include if Proctoring is required, and if so, provide Information on the available options. Online course instructors must include both on and off campus options for proctoring]

Student Accessibility Statement and Academic Support Information

These standards are required by federal regulation. Students will have access to this course that complies with the Americans with Disabilities Act of 1990 (ADA), Section 508 of the Rehabilitation Act of 1973, and College of the Redwoods policies. Course materials will include a text equivalent for all non-text elements; videos will include closed captioning, images will include alt-tags, hyperlinks will use descriptive/meaningful phrases instead of URLs and audio files will include transcripts. All text will be formatted for use with screen readers and all course materials will be understandable without the use of color.

Students who discover access issues with this class should contact the instructor.