

Syllabus for: (name of class) Math 15 Elementary Statistics	
Semester & Year:	Spring 2013
Course ID and Section Number:	Math-15-E3446
Number of Credits/Units:	4
Day/Time:	TTHF 8:30-9:45
Location:	PS 201
Instructor's Name:	Rio Kuteira
Contact Information:	Office location and hours: PS 200 by appointment Phone: (707) 599-2872 Email: rio-kuteira@redwoods.edu
Course Description (catalog description as described in course outline):	
<p>The study of statistical methods as applied to descriptive statistics and inferential statistics. An emphasis on the meaning and use of statistical significance will be central to the course. Students will use frequency distributions, graphs, measures of relative standing, measures of central tendency, measures of variability, correlation, and linear regression to explore descriptive statistics. Students will use the laws of probability and statistical tests (t-tests, chi-square, ANOVA, and regression analysis) to make decisions via hypothesis testing and estimate parameters using confidence intervals.</p> <p><i>Special notes or advisories:</i> A TI-83 or TI-84 graphing calculator is required.</p>	
Student Learning Outcomes (as described in course outline) :	
<ol style="list-style-type: none"> 1) Accurately communicate statistical ideas using correct statistical notation, graphs, and vocabulary. 2) Use descriptive and inferential statistics to solve 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. 	
Special accommodations: 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 may need accommodations, please see me or contact Disabled Students Programs and Services. Students may make requests for alternative media by contacting DSPS.	
Academic Misconduct: Cheating, plagiarism, collusion, abuse of resource materials, computer misuse, fabrication or falsification, multiple submissions, complicity in academic misconduct, and/ or bearing false witness will not be tolerated. Violations will be dealt with according to the procedures and sanctions proscribed by the College of the Redwoods. Students caught plagiarizing or cheating on exams will receive an "F" in the course.	
<p>The student code of conduct is available on the College of the Redwoods website at: http://redwoods.edu/District/Board/New/Chapter5/AP%205500%20Conduct%20Code%20final%2002-07-2012.pdf</p>	
Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods homepage.	
College of the Redwoods is committed to equal opportunity in employment, admission to the college, and in the conduct of all of its programs and activities.	

Required Materials:

- Textbook: *Interactive Statistics*, Custom Edition, by Aliaga & Gunderson. Published by Prentice Hall. 2011.
Or *Interactive Statistics*, 3rd Edition, by Aliaga & Gunderson. Published by Prentice Hall. 2006. ISBN: 0-13-149756-1
- Graphing Calculator (i.e. Texas Instruments 83 or 84)
- Bound Notebook with grid paper (refer to reference book handout)

Homework Policy: Homework will be assigned and turned in on a weekly basis. If you are unable to make it to class, for whatever reason, make arrangements to have your homework turned in ahead of time or by a fellow classmate. If you do not attend class, you are still responsible for the homework. A sheet with all the homework assignments for the class will be made available in class and on MyCR. Any changes will be announced in class.

Homework must be turned in on time and neatly done in pencil. The paper must be stapled together with the name and assignment clearly legible at the top of the page. It must include all steps necessary to arrive at the answer. If the homework does not meet all of the previous requirements then it may not be accepted.

Quizzes: There will be a quiz at the end of most chapters. There are no makeup quizzes unless prior arrangements have been made.

Daily Question: There will be a short question at the beginning of most classes covering the material from the previous classes. There are no makeup daily questions.

Projects: There will be a couple written projects that will span a few weeks. They will be announced at various points throughout the semester.

Reference Book: You will keep a reference book as a condensed and very well organized version of your notes from class and the reading. See reference book handout.

Grading system:

Homework / Reference Book	25%
Projects	20%
Daily Question	5%
Quizzes	30%
Final Tuesday May 7 th 8:30-10:30am	20%

Grades will be posted on MyCR in a timely manner. If you have any other questions, please talk to me!