

<b>Syllabus for: Elementary Statistics</b>	
<b>Semester &amp; Year:</b>	Spring 2013
<b>Course ID and Section Number:</b>	Math 15 D2914
<b>Number of Credits/Units:</b>	4
<b>Day/Time:</b>	MTuWTh 10:40-11:15
<b>Location:</b>	Del Norte Room 23
<b>Instructor's Name:</b>	Robert Horel
<b>Contact Information:</b>	Office location and hours: Phone: Email:
<p><b>Course Description (catalog description as described in course outline):</b> 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><b>Student Learning Outcomes (as described in course outline) :</b></p> <ol style="list-style-type: none"> <li>1. Accurately communicate statistical ideas using correct statistical notation, graphs, and vocabulary.</li> <li>2. Use descriptive and inferential statistics to solve real-world problems.</li> <li>3. Demonstrate appropriate use of technology in making decisions based upon real-world data.</li> <li>4. Read and interpret information that contains statistical analysis and be able to communicate these results.</li> <li>5. Judge the validity of research reported in the mass media and peer reviewed journals.</li> </ol>	
<p><b>Required Materials:</b> Text: Interactive Statistics, Aliaga &amp; Gunderson, 3<sup>rd</sup> edition Graphing Calculator: TI 83/84</p>	

<b>Grading:</b> 4 Exams – 400 Points      Final – 300 Points.      Homework - 100 Points		
Class participation – 100 Points      Project -100 Points      Total 1000 Points		
A : 90% or above	B: 80% to 89.9%	C: 70% to 79.9%
D: 60% to 69%		F: Below 60%
<b>Schedule:</b>	First Day of Class	January 14
	Exam 1 (Chapters 1, 4&5)	February 7
	Exam 2 (Chapters 2, 6&7)	February 28
	Exam 3 (Chapters 8, 9&10)	March 28
	Exam 4 (Chapters 3, 11&12)	April 18
	Final (Chapters 1-15)	May 7
<b>Link:</b> Math 15 Page: <a href="http://msenux.redwoods.edu/math/courses/math15.php">http://msenux.redwoods.edu/math/courses/math15.php</a>		
<b>Special accommodations:</b> 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.		
<b>Academic Misconduct:</b> 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.		
The student code of conduct is available on the College of the Redwoods website at: <a href="http://redwoods.edu/District/Board/New/Chapter5/AP%205500%20Conduct%20Code%20final%2002-07-2012.pdf">http://redwoods.edu/District/Board/New/Chapter5/AP%205500%20Conduct%20Code%20final%2002-07-2012.pdf</a>		
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.		
<b>Faculty Withdrawal:</b> A student who is absent from class for the amount of time equal to two weeks of classes, will be withdrawn from the course, unless there are extenuating circumstances that are communicated to the instructor in a timely manner. This "faculty withdrawal" can occur between Week 4 and Week 10 of the semester.		