**Syllabus for: (name of class)**
Intermediate Algebra

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| **Semester & Year:** | Fall 2013 |
| **Course ID and Section Number:** | Math-120-E3845 |
| **Number of Credits/Units:** | 4 |
| **Day/Time:** | MWF/11:40a-12:55p |
| **Location:** | SC204 |
| **Instructor's Name:** | |
| **Contact Information:** | Office location and hours: CA 128<br>Phone:707-476-4229<br>Email:todd-olsen@redwoods.edu |

**Course Description (catalog description as described in course outline):**
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.

**Student Learning Outcomes (as described in course outline) :**

1. Evaluate and interpret general functions symbolically, numerically, and graphically.
2. Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.
3. Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.
4. Use mathematical models to analyze and interpret real-world situations.
5. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.

**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

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| the Redwoods. Students caught plagiarizing or cheating on exams will receive an “F” in the course.<br><br>The student code of conduct is available on the College of the Redwoods website at: http://www.redwoods.edu/District/Board/New/Chapter5/Ap5500.pdf |
| 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. |

**Intermediate Algebra**

**Math 120** **Fall, 2013**

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**Instructor:** Garrett "Todd" Olsen

**Office Hours:** Email me for an appointment

**Phone:** 476-4229 **Office:** CA 128

**Email:** Todd-Olsen@redwoods.edu

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**Prerequisite:** Math 380 (with a C or better) or the equivalent. Prerequisites ensure that students entering this class have adequate background to efficiently learn the material in the class and that they have a reasonable chance of success.

**Textbook:** Department of Mathematics, College of the Redwoods, Intermediate Algebra.

**http://msenux.redwoods.edu/IntAlgText/**

**Calculators:** You are required to have a graphing calculator for this course. I will be using a Texas Instruments TI 83/84 in class. Other calculators will not be supported in this class.

| **Grading:** | | |
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| | Homework | 20% |
| | Quizzes/Activities | 20% |
| | Exams | 45% |
| | Final | 15% |
| | Total | 100% |

**Neatness:** An important aspect of this course is learning to communicate clearly both using mathematical notation and the English language. Any work that you submit that is sloppy, unclear, or unreadable will be returned to you with no credit. **All work for this course must be done in pencil.**

**Homework:** Homework is absolutely essential to the learning of mathematics. One cannot learn mathematics without doing mathematics. Homework will be assigned each class and is due the next class. The purpose of these assignments is to provide a list of problems that students should do for her/his own benefit. Each of these weekly homework assignments is worth 10 points. Your homework will be evaluated on accuracy, completeness and neatness. No late homework will be accepted. I will drop the two lowest homework scores as an allowance for unforeseen circumstances that may not permit homework assignments from being turned in on time.

**Homework Format:** The following format must be followed in order to receive credit for your homework assignments:

1. Make sure that the sections and individual problems are in sequence.

2. Fold the homework in half lengthwise (the long way).

3. Write your name, the assignment number, and days and times the class meets on the front of the folded assignment.

**Quizzes/Activities:** Quizzes will be given weekly and are worth 10 points. The quizzes will be given at the beginning of class, and if you are late or miss class, you simply miss the quiz. On some days, we will be doing activities in class and these are also worth 10 points.

**Exams:** There will be approximately three exams given during the semester. Each will cover the material since the previous exam. All exams will be closed book and calculators may be used. If you miss an exam your grade on the final exam will be substituted for the grade on the missed exam.

**Final:** The final exam will be cumulative. The final exam will be given only during the scheduled time, and no exceptions will be made. Please make your vacation plans with this in mind. If you need to be absent from the final for a reason that is not serious and compelling, you must drop the course before the deadline, or file a petition to waive college regulations (see me about this).

**Disclaimer:** I have conscientiously outlined the plans and policies for the semester in this syllabus. However unforeseen events and circumstances may deem necessary changes to any part of this document. I therefore reserve the right to make any changes to this syllabus determined to be necessary by me at any time during the semester.

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