Course Description: This survey course is designed for liberal arts and technical students. The course provides an opportunity to acquire an appreciation of the nature of mathematics and its relation to other aspects of our culture. The course is rigorous but not rigid. Core topics include critical thinking, problem solving, number systems, number theory, ratios, proportions, quadratic equations, functions, graphs, consumer math, financial management, metric measurement, set theory, and selected topics from geometry, probability and statistics.

Prerequisites: Math 025 with a grade of “C” or better or Math Placement Test. (Algebra 46 – 61)


Course Objectives: Students will demonstrate a working knowledge of material covered in the text book.

Outcomes Assessment: As part of departmental analysis of outcomes in this course and its place in the Mathematics program, student completion of the pre-requisite, success in the current course, success in subsequent courses and student satisfaction will be reviewed by the instructor. A report containing this information will be submitted by department faculty to determine what, if any changes can be made to improve the course in terms of content, focus and instruction.

Grade Determination: 3 regular exams @ 100 points each
1 final exam @ 100 points

Students may replace 1 regular exam with their worksheet average.

360 - 400 points A
320 - 359 points B
280 - 319 points C
240 - 279 points D
0 - 239 points F

Class Attendance: Although attendance is not a factor in grade determination, each student is, of course responsible for any material covered and any assignments and announcements made in regularly scheduled class meetings.

Behavioral Policies: Refer to catalog pages 15-16 in the catalog. Turn off cell phones in class.

Miscellaneous: Anyone involved in cheating gets 0 points for that activity. Math help is available in Shields 207, Library, and peer tutoring. Allow time for homework completion. DVD in the library. Study groups. Scientific calculator. Turn off cell phones in class.
Spring 2008  MATH 123  Berriochoa
(tentative)

Jan.  14  Intro  Sect. 1.1 Inductive & Deductive Reasoning  17  Spring
       16  Sect. 1.2 Estimation & Graphs
       18  Sect. 1.3 Problem Solving
       21  MLK Day (Holiday)

Feb.  01  Sect. 2.5 Surveys and Cardinal Numbers

Mar.  03  Review Sect. 6.4 Ratios, Proportions & Variations
       05  Sect. 6.6 Solving Quadratic Equations
       07  Sect. 7.1 Graphing & Functions
       10  Sect. 7.2 Linear Functions & Graphs
       12  Sect. 7.3 Systems of Eq. With Two Variables
       14  Sect. 7.6 Exponential Functions

        16  Review
       18  President’s Day (Holiday)

Apr.  02  Sect. 8.5 Installment Buying
       04  Sect. 8.6 Home Ownership
       07  Exam 3

May  02  Sect. 12.4 Normal Distribution
       05  Final
       06  *
       07  *
       08  Exams
**On-line course evaluation statement**: Students are strongly encouraged to complete evaluations at the end of the course. Evaluations are very important to assist the teaching staff to continually improve the course. Evaluations are available online at: [http://evaluations.csi.edu](http://evaluations.csi.edu). Evaluations open up two weeks prior to the end of the course. The last day to complete an evaluation is the last day of the course. During the time the evaluations are open, students can complete the course evaluations at their convenience from any computer with Internet access, including in the open lab in the library and in the SUB. When students log in they should see the evaluations for the courses in which they are enrolled. Evaluations are anonymous. Filling out the evaluation should only take a few minutes. Your honest feedback is greatly appreciated!

**Disabilities**: Any student with a documented disability may be eligible for related accommodations. To determine eligibility and secure services, students should contact the coordinator of Disability Services at their first opportunity after registration for a class. Student Disability Services is located on the second floor of the Taylor Building on the Twin Falls Campus. Candida Mumford 208-732-6260 (voice) or 208-734-9299 (TDD) or e-mail [cmumford@csi.edu](mailto:cmumford@csi.edu)  Refer to page 19 in the catalog.