

Statistics

STAT 800 JUST-IN-TIME SUPPORT FOR ELEMENTARY PROBABILITY AND STATISTICS

A review of the core prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in STAT C1000: Elementary Probability and Statistics, at Cañada College. Topics include concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Concepts are taught through the context of descriptive data analysis. Additional emphasis is placed on solving and graphing linear equations and modeling with linear functions. *Pass/No Pass Only. Units do not apply toward AA/AS degree.*

Units: 2

Hours/semester: 32-36 Lecture; 64-72 Homework

Prerequisites: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Corequisites: Concurrent enrollment in STAT C1000

STAT C1000 INTRODUCTION TO STATISTICS

This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. Formerly MATH 200. *Letter Grade Only. Degree Credit.*

Units: 4

Hours/semester: 64-72 Lecture; 128-144 Homework

Prerequisites: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

AA/AS Degree Requirements: Area 2

Transfer Credit: CSU, UC, (Cal-GETC Area 2)

C-ID: MATH 110

