

MATH 200 Elementary Probability and Statistics

MATH 200 ELEMENTARY PROBABILITY AND STATISTICS

This course presents the basic concepts underlying statistical methods and covers descriptive statistics, probability, probability distributions, hypothesis testing, estimates and sample sizes, correlation and regression, chi-square tests, analysis of variance, and nonparametric statistics. Technology is integrated into the course. Applications of statistics to business, life sciences, social sciences, psychology, and other areas are included. *Letter Grade Only. Degree Credit.*

Units: 4

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

Prerequisites: Successful completion of Intermediate Algebra or equivalent, or placement by other measures as applicable.

AA/AS Degree Requirements: Area A3; Math Competency

Transfer Credit: CSU (CSU GE Area B4), UC (IGETC Area 2A)

C-ID: MATH 110

