

STATISTICS (STAT)

MATH G160 and MATH G160S have adopted a California Community College Common Course Number (CCN) of STAT C1000 (Introduction to Statistics) and STAT C1000E (Introduction to Statistics).

STAT G160 4 Units (72 lecture hours)

Introduction to Statistics

Prerequisite(s): 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.

Grading Mode: Standard Letter

Transfer Credit: CSU; UC: Credit Limitation: ECON G160, STAT C1000, STAT C1000E, MATH G160, MATH G160S, PSYC G140, and SOC G125 combined: maximum credit, 1 course.

Formerly: MATH G160. 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. Enrollment Limitation: STAT C1000E/ECON G160/PSYC G140/SOC G125; students who complete STAT C1000 may not enroll in or receive credit for STAT C1000E, ECON G160, PSYC G140, or SOC G125. **Common Course Number:** STAT C1000. **C-ID:** MATH 110.

STAT G160S 6 Units (108 lecture hours)

Introduction to Statistics

Prerequisite(s): 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.

Grading Mode: Standard Letter

Transfer Credit: CSU; UC: Credit Limitation: ECON G160, STAT C1000, STAT C1000E, MATH G160, MATH G160S, PSYC G140, and SOC G125 combined: maximum credit, 1 course.

Formerly: MATH G160S. 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. This course has embedded support. Enrollment Limitation: STAT C1000/ECON G160/PSYC G140/SOC G125; students who complete STAT C1000E may not enroll in or receive credit for STAT C1000, ECON G160, PSYC G140, or SOC G125. **Common Course Number:** STAT C1000E. **C-ID:** MATH 110.