

# STATISTICS (STAT)

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MATH A160 has adopted a California Community College Common Course Number (CCN) of STAT C1000 (Introduction to Statistics).

**STAT A160****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, Pass/No Pass

**Transfer Credit:** CSU; UC: Credit Limitation: STAT C1000, MATH A160, and PSYC A160 combined: maximum credit, 1 course.

Formerly: MATH A160. 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. Applications are taken from natural sciences, social sciences, business, and everyday life. Enrollment Limitation: PSYC A160; students who complete STAT C1000 may not enroll in or receive credit for PSYC A160. **Common Course Number:** STAT C1000. **C-ID:** MATH 110.