ESSENTIALS OF STATISTICS, CERTIFICATE OF COMPETENCY

This program introduces students to the essentials of statistics, focusing on measures of central tendency, probabilities for statistics, and binomial and normal distributions. Completing this certificate will help prepare students for essential statistics concepts and skills necessary to succeed at college-level mathematics courses.

Program Level Learning Outcomes

Upon completion of this program, students will be able to:

1. Compute the measures of center, spread, and location for a set of data.
2. Apply various probability and counting rules to compute probabilities.
3. Compute the mean and standard deviation of binomial and normal distributions.

Review Graduation Requirements (https://catalog.cccd.edu/golden-west/graduation-requirements/certificates/#noncredittext).

Course	Title	Hours
Required Courses		
STAT G010N	Measures of Central Tendency, Dispersion, and Position	6-10
STAT G011N	Probability for Statistics	6-10
STAT G012N	Binomial and Normal Distributions	6-10
Total Units		**18-30**