

MAT-45 — STATWAY I

About This Course

5.00 units

Prerequisite: MAT-64 or MAT-65, or qualifying placement level., Advisory: ENG-50 or ENG-80 or REA-83, or qualification for English 1A.

Description: The first semester of a two-semester course that introduces the concepts of probability and statistics with requisite arithmetic and algebraic topics integrated throughout. It is structured to serve students planning to transfer and continue studies in humanities or social sciences. Statistics topics emphasize data analysis and include methods for collecting data, graphical and numerical descriptive statistics, correlation, and simple linear regression. Learning strategies for success with an emphasis on study skills, resource acquisition, and maintaining a positive perspective towards learning are also discussed and applied. Both parts of Statway must be completed with a grade of "C" or better to receive credit for a transfer-level statistics course. (Letter grade Pass/No Pass)