MATH 1401: Elementary Statistics

3 Credit Hours

This is a non-calculus based introduction to statistics. Topics include descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression.

Notes: This course is managed through the cooperative academic agreement known as eCore.

STAT 0996: Support for Elementary Statistics

1 Credit Hours

Corequisite: STAT 1401

This Learning Support course provides co-requisite support for students enrolled in STAT 1401 - Elementary Statistics. Topics will parallel topics being studied in STAT 1401 and the course will provide support for the essential skills needed to be successful in STAT 1401. Taken with STAT 1401, topics to be covered will include descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistics topics.

STAT 1401: Elementary Statistics

3 Credit Hours

This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics.

STAT 2332: Probability and Data Analysis

3 Credit Hours

Prerequisite: MATH 1190 or MATH 1179

This course is a foundational, calculus-based introduction to statistics and probability. The following conceptual themes will be developed through the process of statistical investigation: exploratory data analysis (univariate and bivariate), fundamentals of experiment design and sampling, planning and conducting a study, exploring random phenomenon using probability and simulation, and the fundamentals of statistical inference. Technology is integrated into each theme, and the statistical software package used will be chosen by the instructor.