



MTH 251: Fundamental Business Statistics

This course serves as an introduction to statistics with applications to business scenarios. Topics include: methods of collecting, tabulating and graphically representing data; measures of central tendency, dispersion, skewness, and kurtosis; basic probability rules; binomial and normal probability distributions; sampling distributions; and estimation. Applications will be stressed throughout the course. Prerequisite: Introductory Algebra Competency or concurrent registration in MTH 131 or MTH 131S. Three lecture hours per week. Gen. Ed. Competencies Met: Quantitative and Symbolic Reasoning.

Course Student Learning Outcomes

1. Solve problems by applying and interpreting descriptive statistics.
2. Solve problems by applying basic rules of probability.
3. Solve problems by utilizing the Normal Distribution.
4. Construct confidence intervals to solve problems.

Credits: 3

Program: Mathematics