

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number: MTH 245 Credits: 3**

**Course Title: Statistics I**

**Course Description**

Presents an overview of statistics, including descriptive statistics, elementary probability, probability distributions, estimation, hypothesis testing, correlation and linear regression. Credit will not be awarded for both MTH 155 - Statistical Reasoning and MTH 245 - Statistics I or

Recognize or restate the Central Limit Theorem and use it as appropriate.

Probability

- x Univariate Statistical Inference
- x Two-Sample Statistical Inference
- x Correlation and Regression

**Effective Date/Updated:** December 2021