

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

Course Prefix and Number: MTH 155 Credits: 3

Course Title: Statistical Reasoning

Course Description:

Presents elementary statistical methods and concepts including visual data presentation, descriptive statistics, probability, estimation, hypothesis testing, correlation, and linear regression. Emphasis is placed on the development of statistical thinking, simulation, and the use of statistical software. Credit will not be awarded for both MTH 155 and MTH 245.

Identify errors such as inappropriate sampling methods, sources of bias, and

