STAT 608 Learning Outcomes:

At the conclusion of this course, successful students will be able to:

• Identify appropriate graphs, summary statistics, models, and inferential statistics for various contexts
• Interpret graphs, statistics, and model in various contexts
• Calculate summary and inferential statistics
• Compare and contrast various models
• Create appropriate models for various contexts
• Infer appropriate conclusions about populations based on data
• Explain and compare properties of summary and inferential statistics and models
• Combine concepts in new ways to solve different problems