STATISTICS (ST)

ST 260 Statistics/Quantitative Methods I (3)
Prerequisite(s): MS 112.
The course introduces key concepts in statistics and probability, covering Descriptive Statistics, Probability and Probability Distributions, Sampling and Sampling Distributions, and Interval Estimation. Students will learn to use statistical software like Excel and Minitab for practical data analysis skills.

ST 261 Statistics/Quantitative Methods II (3)
Prerequisite(s): ST 260.
This course advances data analysis skills by covering Inference and Hypothesis Testing, Two-Population Tests, ANOVA, Chi-Square Tests, Regression, and Correlation Analysis. Students will also gain proficiency in statistical software like Excel and Minitab to apply these methods in real-world scenarios.

ST 345 Introduction to Business Analytics (3)
Prerequisite: ST 260 and ST 261. This introductory course equips students with essential tools to analyze and interpret business data, covering exploratory and confirmatory analytics, data visualization, and advanced topics. It emphasizes hands-on learning using RStudio, Tableau, and Excel to transform data into actionable insights through practical exercises and real-world examples.