Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

MATH 1401
Elementary Statistics (3 hrs.)
Mathematics Department
Valdosta State University

REQUIRED TEXT

(Area D)

COURSE OUTLINE: (Based on 45 sessions, 3 days per week)

Chapter/Section	Topics	Suggested Days
1.1 – 1.6	**Data Collection:** **Statistical Definitions, Sampling Techniques**	

3.1 – 3.5

Numerically Summarizing Data:
Mean, Median, Mode, Variance, Standard Deviation,
Z-Scores, Chebyshev's Theorem, Empirical Rule,