THE UNIVERSITY of MISSISSIPPI

Engr 453: Prob and Stat Analyses in Engr Design

SCHOOL OF ENGINEERING

Introduction to probability, statistics, uncertainty, and reliability. Application of common continuous and discrete probability distributions. Design under uncertainty and elementary decision analysis. Simulation of random variables. Applications in natural and man-made materials, hydrological and geological conditions and other natural processes and engineering design.

3 Credits

Prerequisites

- Math 263: Unified Calculus & Analytic Geometry III (Minimum grade: C)
- Pre-Requisite: 24 Earned Hours

Instruction Type(s)

- Lecture: Lecture for Engr 453

Subject Areas

- Engineering, General