Marshall University
College of Science
Mathematics Department

MTH 326: Applied Statistical Methods

Course catalog description
Use of statistical packages; introduction to descriptive, probability and sampling distributions; forecasting, inferences concerning one and two samples; simple and multiple regression, analysis of variance and covariance.

Credit hours
3 hours

Prerequisites
A grade of C or higher in MTH225.

Learning outcomes

- manipulate data
- carry out statistical analyses with the use of statistical packages, especially R
- carry out tests of hypotheses
- identify various estimation procedures and explain their properties
- interpret results obtained from statistical procedures
- choose appropriate regression analysis for specific statistical experiments
- perform analyses and variance and covariance

Suggested textbooks


Last updated
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