Computer Performance Modeling

CEN 6405 - Summer 2023

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Catalog Description: Use of software packages such as **WEKA and R**

for data validation, description and analysis of statistical models used

in computer science and engineering.

Objective: To enable students to understand basic concept of experimental

design, measurement, statistical modeling and data analytics.

Prerequisite: Graduate standing or permission of instructor.

Text: THE ART OF COMPUTER SYSTEMS PERFORMANCE

ANALYSIS, by Raj Jain

Grading: Homework assignments and small projects, etc. 40%

Test I (take-home), June 2nd 25%

Test II, June 16th 25%

Paper review and video presentation 10%

Homework will be assigned but some of the homework (randomly

selected) will be graded. There will be few small projects, and all will

be graded. Course grades will be based on the exams, small projects,

video presentation, the graded homework and other assignments.