



CSCI 626 Data Analysis and Simulation

From the catalogue: Basic statistical analysis techniques for experimental data generation and collection, aiming at design, analytic modeling and implementation of systems. Covers basics from the areas of statistics, simulation, event queuing and their application to Internet systems, data centers and cloud computing, storage systems, distributed systems, and hardware/software design.

3 Credits, Preequisite: Some knowledge of probability and statistics

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Where and When

Class: 10.00 - 10.50 am, Monday, Wednesday, Friday, Millington Hall R 100

Office hours: 2.00 - 4.00 pm, Monday, Wednesday

Required books

- Bertholt, Borgelt, Hoepfner, Klawonn: Guide to Intelligent Data Analysis, Springer.
- Law, Kelton: Simulation Modelign and Analysis, McGrawHill.

Required work and grading

Homework and project assignments: 50%.

Exams: midterm 20%, final 30%, both are in-class exams.

Late work policy

Assignments come with a submission deadline and a drop out deadline. The submission deadline is when you are supposed to hand in your results. The drop out deadline is later. An assignment that you hand in before the drop out deadline will be considered and graded. An assignment that you hand in after the drop out deadline will NOT be considered and NOT graded.

So it is highly recommended to plan ahead and work with submission deadlines. Deadlines will be set well in advance.

Attendance

It is expected that students attend all classes.

Students who need accommodation

Please see me after class or send email to set up a brief meeting.

Information Dissemination

I will maintain a set of web pages beneath <http://www.cs.wm.edu/~kemper/cs626/> in support of the course. They should be considered official components of the course, and you should check them on a daily basis.