CS 410/510 Simulation (Spring 2013 / Karavanic)

Course Description

Textbook


Problem Sets

A problem set (two or three exercises per lecture) will be assigned every 10 days (3 lectures). Each problem set will be due a week after it is assigned and will not be accepted late without prior approval. Graduate students must do four assigned exercises per problem set; undergraduate students must do three exercises per problem set. At least one exercise must be done from each lecture. Problem sets represent 60% of your grade. You are encouraged to collaborate with others on all problem sets subject to the empty hands policy — students can freely discuss problem set exercises with other students subject to the restriction that each student must leave the discussion without any written or otherwise recorded material. Failure to comply with this policy will be treated as academic misconduct.

Exam

There will be a final in class exam due at the regularly scheduled final exam time (Dec. 13, second period); it will represent 40% of your grade. Collaboration is not permitted on any part of the final exam.

Grading

Good writing is expected in all assignments. The “other student viewpoint” (see below) is always the guide. There is no grade cross-competition between graduate and undergraduate students.

Format

Each exercise on each problem set should be written using the other student viewpoint and should include a printed copy of properly commented source code and program output when appropriate. The other student viewpoint means that each student should provide enough written explanation so that another student in the class, who didn’t know how to do the exercise/question, could read the submitted material and, without asking questions, learn a correct answer. Point(s) will be deducted when answers are incomplete and/or poorly written. Answers which consist entirely of printed source code (even if bullet-proof and well-documented) with some after-the-fact notes scribbled on it are not acceptable.

Source Code / Web Page

ANSI C source code and data files for this course will be provided (see the course web page).