

IS 6833 -- WINTER, 2009

MIDTERM EXAM

You must complete each of the following 3 questions. Each question will represent one-third of the credit for the exam. Answer each question clearly and neatly. Type (wordprocess) the answers, with no more than 2 pages each, double spaced with 1" margins. If I cannot read your answer or understand your grammar, or if you provide multiple answers, the answer will be wrong.

You may have notes, books or other reference materials that you desire. However, you must do the exam *alone*.

This exam is due on Monday, March 30 at the beginning of class. Turn in hard copy of the exam — do *not* email the exam to me.

1. There are multiple critical functions that a MBMS (model based management system) must provide, including alternative generation, model selection, access to models, and sensitivity analysis. Discuss how you might include these functions in a system that is intended to provide support for someone selecting a computer system. In other words, discuss how you might design a MBMS for the project you are considering this semester.
2. In one of your recommended readings, Armstrong said, "Better predictions of how other parties will respond can lead to better decisions." Discuss how you might build such a capability into a DSS.
3. Discuss the ethical issues that face the designer of a DSS when bringing together data from a variety of sources and making those data available to a variety of decision makers.