

COURSE ANNOUNCEMENT
OPERATIONS RESEARCH II
STOCHASTIC OPERATIONS RESEARCH
MATH 752

Spring Semester 2009

11:00-12:15 TR

344 Scrugham Engineering (SEM)

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In Math 752 we survey operations research models having a probabilistic component. In particular, we cover decision analysis, reliability theory, Markov chains, queueing theory, and probabilistic inventory theory. The course will stress both the theory and application of such models.

Prerequisites: MATH 330 and MATH 461/661 or equivalents, or else permission of the instructor. No background in operations research is required.

NOTE: MATH 751 is NOT a prerequisite for this course.

Text: Winston, Wayne L. Operations Research: Applications and Algorithms (4th edition), available at the bookstore.

Coming Fall 2009: MATH 487/687 Deterministic Operations
Research

MATH 786 Cooperative Game Theory