

PSC/ECO 288: GAME THEORY

Spring 2011
MW 15:25-16:40pm
Meliora 203

Lectures will be based on { but not limited to { the material in this book. Other optional textbooks you may wish to consult for a different perspective, additional examples, and generally to deepen your understanding of the material are,

Strategy, by Joel Watson,

Games, Strategies, and Decision Making, by Joseph Harrington, and

Strategies and Games, by Prajit Dutta.

Finally,

Thinking Strategically, by A. Dixit and B. Nalebu ,

is informal yet informative.

Homework Assignments: Working through homework assignments is essential for an understanding of course material. Over the course of the semester, there will be approximately nine problem sets that will be due in class. *No late homework will be accepted.* Instead, you can drop one assignment in calculating the homework component of your final grade.

Recitation: The TAs will offer a recitation session on Mondays prior to each assignment (assignments will be due on Wednesdays). Recitations will take place in B&L 109 from 4:50pm to 6:05pm.

Evaluation: Your grade will be based on homework assignments (15%), two midterms (25% each), and a non-cumulative final (35%). *There will be no provisions for extra credit.* Both midterms will take place in class, the first on Wednesday, February 23, and the second on Wednesday March 30. The final exam is scheduled for Monday, May 2, at 8:30am.

Schedule: Below is an outline of the main topics of the course.

Topic 1 Introduction

Week 1. Overview and logistics.

Topic 2 Strategic form games

