Objective: This course is an introduction to game theory. By the end of this course, students will be able to set up and solve simultaneous and sequential games involving complete and incomplete information. Broadly speaking, the course will provide students with the tools necessary to analyze strategic interactions systematically.


Attendance Policy: The ABA believes it knows how to allocate your time better than you do, so it mandates an 80 percent minimum attendance policy. Eventually, you will benefit from these kinds of entry restrictions.

Grading: Grades will be based entirely on the final exam, which has been scheduled by the law school for April 28, 2006 from 8:30 – 11:30. Exam grades will be curved to meet law school requirements.

Problem Sets: As with most methodological tools, it is difficult to learn game theory without setting up and solving games on your own. You will maximize your gain from this course (as well as your course grade) if you work through the problems presented at the end of each chapter. I will also distribute (through Blackboard) periodic problem sets of my own for you to work through. While I will not grade these problem sets, they will be your best guide to what the final will look like, so I strongly recommend that you do the problem sets. If you have difficulty solving any problem, raise the question in class or during office hours.

Course Schedule:

We will generally cover 1 chapter per week. On Tuesday, we will discuss theoretical issues, and on Thursday, we will complete the theoretical discussion and do applications. Please have the chapter read before class on Tuesday.

January 10: Read Text Chapters 1 (optional), 2 (optional), and 3.
January 12: Chapter 3 Applications
January 17: Read Chapter 4
January 19: Chapter 4 Applications
January 24: Read Chapter 5
January 26: Chapter 5 Applications
January 31: Review of Basics of Game Theory
February 2: No Class (To be made up with end of semester review)
February 7: Read Chapter 6
February 9: Chapter 6 Applications
February 14: Read Chapter 7
February 16: Chapter 7 Applications
February 21: Read Chapter 8
February 23: Chapter 8 Applications
February 28: Read Chapter 9
March 2: Chapter 9 Applications
March 7: No Class (Spring Break)
March 9: No Class (Spring Break)
March 14: Read Chapter 10
March 16: Chapter 10 Applications
March 21: Read Chapters 11 and 12
March 23: Chapter 11 and 12 Applications
March 28: Read Chapter 14
March 30: Read Chapter 15
April 4: Chapter 15 Applications
April 6: Read Chapter 16
April 11: Chapter 16 Applications
April 13: Read Chapter 17
April 18: Chapter 17 Applications
April 28: Exam 8:30—11:30