Syllabus for E307
Spring 2013

TITLE: Games & Strategies

INSTRUCTOR: Dr. S.K. Chakrabarti, Professor of Economics.
PHONE: (317) 278 7215
EMAIL: imxl100@iupui.edu
OFFICE: CA 525
TIME & ROOM: CA 411, W 6:00 p.m.
OFFICE HOURS: M 2:00 p.m. to 3:00 p.m. and W 2:00 p.m. to 3:30 p.m.

COURSE DESCRIPTION & OBJECTIVES: The course will cover the basic principles of game theory and decision making. The intent is to introduce students to the principles of strategic decision making and illustrate with applications from Finance, Marketing, Economics and some of the other social sciences.

GRADING PROCEDURES: The grade in the course will be based on a midterm and a final, a project and five homework assignments. The midterm will carry 25% of the grade and the final will carry 40%. The project will be worth 10% of the grade, and each assignment will carry 5%. The project is a short paper (NOT to exceed 5 typed pages) on a topic of current interest that uses the elements of strategic decision making taught in the course.

STUDENT CONDUCT & RESPONSIBILITIES: Students should read the student handbook on academic misconduct. Cheating during an exam or copying assignments or projects (this includes items placed on the world wide web) are considered very serious offenses and will result in an immediate F in the course and could lead to more serious consequences. Students are also expected to behave in a manner consistent with the exchange of serious scholarship. Eating or drinking while the lectures are in session is strongly discouraged.

2. Games and Decision Making by Subir K. Chakrabarti & C. D. Aliprantis, Oxford University Press, New York, 2011. This is a reference text that has a more advanced treatment of the topics.

COURSE OUTLINE AND SCHEDULED LECTURE DATES

<table>
<thead>
<tr>
<th>Chapter Range</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 3.1 to 3.5</td>
<td>9 January</td>
</tr>
<tr>
<td>Chapter 3.6 to 3.10</td>
<td>16 January</td>
</tr>
<tr>
<td>Chapter 4</td>
<td>23 January</td>
</tr>
<tr>
<td>Chapter 5.1 to 5.4</td>
<td>30 January</td>
</tr>
<tr>
<td>Chapter 5.5 to 5.9</td>
<td>6 February</td>
</tr>
<tr>
<td>Chapter 6</td>
<td>13 February</td>
</tr>
<tr>
<td>Chapter 7.1 to 7.5</td>
<td>20 February</td>
</tr>
<tr>
<td>Chapter 7.6 to 7.10</td>
<td>27 February</td>
</tr>
</tbody>
</table>
MIDTERM
6 March

SPRING BREAK

Chapters 8.1 to 8.5 20 March
Chapter 8.6 to 8.10 27 March
Chapter 12.1 to 12.3 3 April
Chapter 12.4 to 12.7 10 April
Chapter 13.1 to 13.5 17 April
Chapter 13.6 to 13.8 24 April

Final
Wednesday May 1, 6:00 p.m. to 8:00 p.m.