New York University  
Stern Undergraduate School of Business

Microeconomics - C30-0001.001  
Instructor: William Baumol  
Days: MW, Time: 2:00PM - 3:15PM  
office hours: Wednesdays 10:30AM - 12:30PM  
Location: Tisch Hall, Schimmel Auditorium (UC-50)

ASSIGNMENT SHEET  
FALL 2007

For up-to-date information, homework assignments and old exams see the course web page at:  
http://pages.stern.nyu.edu/~wbaumol/

The text for this course is Baumol and Blinder Economics 10th edition (B&B). This text can be bought at  
the NYU Bookstore. The dates given for the assignments are approximate, and you should judge from the lectures just what point in the sequence we have reached at a particular date.

BASIC CONCEPTS
B&B chap. 1
Mon., September 10.  Math review. Derivatives and Economic Interpretation  
Handout
Multivariable Functions
Wed., September 12.  Math review. Derivatives and Economic Interpretation  
Handout
Multivariable Functions (continued)
Mon., September 17.  Constrained Maxima  
Handout

THE CONSUMER
B&B chap. 5
B&B chap. 6
Wed., September 26.  Review

THE BUSINESS FIRM
Mon., October 1.  Inputs and outputs. Scale Economies. Production and Cost  
B&B chap. 7
Wed., October 3.  How much will the firm produce? Profit Maximization and Price  
B&B chap. 8
Mon., October 8.  **NO CLASSES**  
**COLUMBUS DAY**
Wed., October 10.  Review
Mon., October 15  
MIDTERM

Updated June 13, 2007
**FORMS OF MARKET COMPETITION**

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<tr>
<th>Date</th>
<th>Topic</th>
<th>Chapter(s)</th>
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<tr>
<td>Wed., October 17</td>
<td>The Logic of Demand Estimation</td>
<td>B&amp;B chap. 6</td>
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<td>Mon., October 22</td>
<td>Perfect Competition and the Firm</td>
<td>B&amp;B chap. 10</td>
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<td>Wed., October 24</td>
<td>Perfect Competition and the Industry</td>
<td>B&amp;B chap. 10</td>
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<td>Mon., October 29</td>
<td>Pure Monopoly and Monopolistic Competition</td>
<td>B&amp;B chap. 11&amp;12</td>
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<td>Wed., October 31</td>
<td>Oligopoly</td>
<td>B&amp;B chap. 12</td>
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<td>Mon., November 5</td>
<td>Strategy and Introduction to Game Theory</td>
<td>B&amp;B chap. 12</td>
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<td>Wed., November 7</td>
<td>Introduction to Game Theory (continued)</td>
<td>B&amp;B chap. 12</td>
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<tr>
<td>Mon., November 12</td>
<td>Review</td>
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**MARKET ACCOMPLISHMENTS, SHORTCOMINGS AND REMEDIES**

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<tr>
<th>Date</th>
<th>Topic</th>
<th>Chapter(s)</th>
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<tr>
<td>Mon., November 19</td>
<td>Imperfections of the Market: Externalities, Public Goods Principals, Agents and Lemons</td>
<td>B&amp;B chap. 15</td>
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<tr>
<td>Mon., November 26</td>
<td>Imperfections of the Market: Externalities, Public Goods Principals, Agents and Lemons (continued)</td>
<td>B&amp;B chap. 15</td>
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<td>Wed., November 28</td>
<td>The Market Mechanism, Innovation and Growth</td>
<td>B&amp;B chap. 16</td>
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<td>Mon., December 3</td>
<td>Toward Policy: Introduction to Antitrust</td>
<td>B&amp;B chap. 13</td>
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<td>Wed., December 5</td>
<td>Other Policy Issues</td>
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<td>Mon., December 10</td>
<td>Review</td>
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<td>Wed., December 12</td>
<td>Question Period</td>
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Fri., December 14 - Fri. December 21 **FINAL EXAMS**  
(DAY to be determined by the university)
PROBLEM SETS: ISSUE AND RETURN SCHEDULE
(Please return all problem sets to your assigned Teaching Assistant.)

Problem Set #1 – issued Wednesday, September 12  DUE the week of September 17
Problem Set #2 – issued Wednesday, September 26  DUE the week of October 1
Problem Set #3 – issued Wednesday, October 10  DUE the week of October 15
Problem Set #4 – issued Wednesday, October 24  DUE the week of October 29
Problem Set #5 – issued Wednesday, November 7  DUE the week of November 12
Problem Set #6 – issued Wednesday, November 21  DUE the week of November 26

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