Course information

Instructor: Nusrat Jahan

Office: Loeb B-841

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Office Hours: TBA

Lectures: Monday and Wednesday, 18:05 - 20:55 (Wednesday, August 16th will follow a Monday schedule)

Tutorials: Monday and Wednesday, 16:35 – 17:55

Course objectives

This course provides students with economic concepts and practical analysis widely applied in managerial decision-making. The range of topics covered include determination of market demand and production output, market structures, pricing strategies, game theory, risk analysis, information asymmetries, and the impact of government regulation on business.

Prerequisites

Precludes additional credit for ECON 2001, ECON 2002 (no longer offered), ECON 2003 (no longer offered), and ECON 2020. Prerequisite(s): ECON 1000 or FYSM 1003 with a grade of C- or higher; MATH 1009 (or equivalent) with a grade of C- or higher. Students who believe they have taken a similar background course or courses from another university must provide appropriate documentation to the Department of Economics Undergraduate Administrator, Amanda Wright. A grade of C+ or higher is required to qualify for ECON 2030 and ECON 4020. DEF(ferred final grade) status at the end of this course precludes (continued) registration in any other course for which the former is a prerequisite.

Textbooks


Note: Additional readings may be assigned. The course will use calculus and some elementary probability and statistics. It is assumed that you know the material covered in MATH 1009. A good reference for the application of the mathematical tools in this course is Ch18 in AWDM

Course outline

1. **Introduction**
   - The basic of managerial economics (ADWM: Ch.1; BP: Ch.1 & 2)
   - Supply, demand, and markets (ADWM: Ch.1; BP: Ch.1 & 2)

2. **Demand theory** (ADWM: Ch.2 & 3; BP: Ch.2)

3. **Production Costs**
   - Production theory (ADWM: Ch.5; BP: Ch.5)
   - Analysis of costs (ADWM: Ch.6; BP: Ch.5)

4. **Market structure and simple pricing strategies**
   - Perfect Competition (ADWM: Ch.7; BP: Ch.8)
   - Monopoly and monopolistic competition (ADWM: Ch.8; BP: Ch.8)

5. **Sophisticated market pricing**
   - Price discrimination (ADWM: Ch.9; BP: Ch.11)
   - Bundling and intra-firm pricing (ADWM: Ch.10; BP: Ch.11)

6. **Business strategy**
   - Oligopoly (ADWM: Ch.11; BP: Ch.9)
   - Game Theory (ADWM: Ch.12; BP: Ch.10)

7. **Risk, information problems, and incentives**
   - Risk Analysis (ADWM: Ch.14; BP: Ch.12)
   - Principal-agent problems and managerial compensation (ADWM: Ch.15; BP: Ch.6 & 12)

8. **Government and business** (ADWM: Ch.17; BP: Ch.14)

   Note: The extent and coverage will depend on time availability

Tutorials

Tutorial sessions will be used throughout the course. Attendance is compulsory and will be taken. The objectives of the tutorial sessions are:

   - Discussion of the assignment problems
   - Discussion of material supporting the lectures
   - Discussion of the midterm exam
Course evaluation

The assessment in this course will be based on the following:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Weight</th>
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<tbody>
<tr>
<td>4 Assignments (5% each)</td>
<td>20%</td>
</tr>
<tr>
<td>Tutorial Attendance</td>
<td>5%</td>
</tr>
<tr>
<td>Midterm Examination (July 26th)</td>
<td>30%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>45%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
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</tbody>
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- **Assignments**: You will have one week to complete each assignment. They must be submitted in class on the due date prior to the beginning of the lecture or before the due date during my office hours. There are two submission requirements for the assignments: (1) the pages must be stapled together; (2) you must provide a cover page with your information that you will be able to download in PDF format from cuLearn.

  **Note**: Details and due dates for the assignments will be provided during the term. I will not accept late assignments or assignments that do not comply with the submission guidelines (1) and (2) as described above. If you miss an assignment for a documented compelling reason, the weight of the missed assignment will be reallocated to the remaining assignments.

- **Mid-term**: Mid-term examination will be held on **Wednesday, July 26th, 2017**.

  **Note**: No deferred midterm exam will be taken. If a student misses the midterm exam for a valid and documented reason, the 30% weight will be added to the final exam.

- **Final Exam**: The final exam covers all material. It will be held during the Examination Period as scheduled by the University.

- **Tutorial**: Tutorial attendance will be taken for each session. To secure the full 5% tutorial attendance grade you must not miss more than two tutorial sessions.

**Satisfactory Performance Criteria:**

Students must fulfill all of the preceding course requirements in order to achieve a passing grade (D- or higher). Failure to write the mid-term examination (without a documented compelling reason) will result in a grade of FND (Failure with No Deferred final examination allowed). Failure to write the final examination will result in a grade of ABS (ABSent from a required final examination). See Academic Regulation 2.3 for the official meanings of these grades, and note that it stipulates that no course grades are final until approved by the Faculty Dean. Note also that course grades may be scaled upwards or downwards in a rank-preserving manner to better fit the relevant departmental distributional norm. Application to write a deferred final examination must be made at the Registrar’s Office.
**Re-grading:**

Students seeking reappraisal of their graded assignment or mid-term examination should contact the instructor within a week after they receive their grades. Students are required to send e-mail to the instructor with the subject “ECON 2009C-REQUEST FOR REGRADING” explaining the reason(s) for requesting a reappraisal of their graded work. Note: Reappraisals that do not conform to this standard will not be considered.

**Plagiarism:**

Please be aware that plagiarism is serious offense at Carleton and should be recognized and avoided. For further information on how to do so, please see “Pammett on Plagiarism and Paraphrasing” at www.carleton.ca/economics/courses/writing-preliminaries.

**Requests for academic accommodation**

You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

**Pregnancy obligation:** Write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide.

**Religious obligation:** Write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide.

**Academic Accommodations for Students with Disabilities:** The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (if applicable).