**Course information**

**Instructor:** Nusrat Jahan  
**E-mail:** nusratjahan@cmail.carleton.ca  
**Online Office Hours:** Wednesday 2:30 p.m. – 4:00 p.m. or by appointment.  
**Lectures:** Monday & Wednesday, 6:05 p.m. - 8:55 p.m.  
**Tutorials:** Monday & Wednesday 4:35 p.m. - 5:55 p.m.  
**TA:** TBA

**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 1001 or 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. A grade of C+ or higher is required to qualify for ECON 2030 and ECON 4020. DEF (deferred 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**


**Equipment Requirement**

For this online course, you need to have access to a reliable internet connection with a computer. No webcams are required for this course. Having a scanner may help you to upload your assignments easier but it is NOT required since you can scan your projects using your basic smartphone.

**Course outline**

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

2. **Demand** (ADWM: Ch.2 & 3)
   - Demand theory
   - Consumer Choice

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

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

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

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

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

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

**Note:** The extent and coverage will depend on time availability. Lectures will be pre-recorded with links to the videos on CuLearn/Brightspace with the exception of the first lecture which will be recorded live. Students can watch the recorded online lectures at their convenience. During the lecture time mentioned above I will be available online through BigBlueButton to discuss any questions the students might have about the posted materials. A recording of the discussion will later be posted on CuLearn/Brightspace for those who will not be able to attend.
**Tutorials**

Tutorial sessions will be used throughout the course. The tutorial sessions will be conducted through BigBlueButton and the session will be recorded for students to view who will not be able to attend and will be posted on Brightspace for viewing later according to convenience. The objectives of the tutorial sessions are:

- Discussion of the assignment problems
- Discussion of material supporting the lectures

**Course evaluation**

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>3 Assignments (10% each)</td>
<td>30%</td>
</tr>
<tr>
<td>Quiz (Associated with each lecture module)</td>
<td>10%</td>
</tr>
<tr>
<td>Mid-term Examination</td>
<td>20%</td>
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<tr>
<td>Final Examination</td>
<td>40%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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- **Quiz:** There will be an online quiz for you to complete after you finish listening to the modules associated with each topic. Each quiz will be equally weighted. There will be no deferred quiz. **Best 5 scores will be counted out of 10 quizzes.** If you miss a quiz for compelling reasons the weight of missing quiz will be awarded to other quizzes.

- **Assignments:** You will have minimum one week to complete each assignment. The deadline for submitting the assignments will be posted along with each assignment on CuLearn/Brightspace.

  **Note:** If you fail to upload the assignment by the deadline due to technical/internet/health issues you must let me know within a day of the submission deadline. If you miss an assignment for a documented compelling reason, I will give 1 day of grace period to submit the assignment otherwise the weight of the missed assignment will be reallocated to the remaining assignments.

- **Mid-term Examination:** The mid-term exam will be conducted via CuLearn/Brightspace. The exam will be a timed exam and will remain active for 24 hours to allow convenient time for students in different time zones. The exam will have both a multiple-choice section and a written short-answer section. In the event that you miss an exam the weight of that exam is going to be transferred to the final exam.

- **Final Exam:** The final exam is going to be on the date and time set by the university. It will cover all materials taught during the entire term.
• Please note that tests and examinations in this course will use a remote proctoring service provided by Scheduling and Examination Services. You can find more information at https://carleton.ca/ses/e-proctoring/.

Satisfactory Performance Criteria:
Standing in a course is determined by the course instructor subject to the approval of the Faculty Dean. This means that grades submitted by the instructor may be subject to revision. No grades are final until they have been approved by the Dean. Application to write a deferred final examination must be made at the Registrar’s Office.

Note:
For verification and security purposes, I will not reply to emails originating from non-Carleton e-mail accounts, and which are not signed with a student’s name and student number. Assignments and changes to schedules will be made available on cuLearn only.

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 2009A-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.

Academic Support:
The Centre for Student Academic Support (CSAS) is a centralized collection of learning support services designed to help students achieve their goals and improve their learning. CSAS offers academic assistance with online student success, course content, academic writing and skills development. For more details, visit the CSAS website.

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).