Economics 1101 Winter 2024 Principles of Microeconomics

Prof. Maliha NazirSection 01maliha.nazir@dal.caDepartment of Economics (B25)

Class time

Monday and Wednesdays 16:05-17:25 GOLDBERG COMPUTER SCIENCE BLDG 127

Office Hours: Tuesdays: 12 noon- 1 pm (Department of Economics – B25 or by appointment)

Teaching Assistants Ogudu Uko Email: og732882@dal.ca

David Aduhene Email: dv888895@dal.ca

Tutorials: Tuesdays: 17:35-18: 25 Studley LSC-COMMON AREA C240

Course Delivery:

- This course will be delivered face-to-face, supplemented by videos posted on Brightspace if needed. Lectures will be recorded, if possible, and the recordings will be made available on Brightspace.
- Tutorials will be in person.

Course Description:

How do you decide whether or not to go to university? Why does the price of pizza change so much less than the price of oil? What will better help prevent climate change: a carbon tax, or a cap-and-trade system? Microeconomic analysis, which considers the behaviour of individuals and businesses, can answer questions like these.

Course Prerequisites:

None.

Course Learning Outcomes:

By the end of this course, students will be able to:

- consider trade-offs and opportunity cost in making choices.
- discuss how models are useful in analyzing the economy.
- analyze how demand and supply work together to determine equilibrium in a market.
- calculate the responsiveness of demand and supply to prices and income.
- measure the efficiency of a market and show how government interventions affect efficiency.
- describe how consumers choose goods and services to maximize their well-being.
- determine how a firm's production function affects its costs.
- display a competitive firm's optimal output level given its cost structure.
- identify how a monopolistic firm chooses its output level and price.
- analyze the output and pricing decisions of imperfectly-competitive firms.
- demonstrate how firms choose the optimal number of workers to hire.
- depict and explain a country's level of income inequality.
- explain how market failure provides a justification for government intervention in the economy.

Course Materials:

Required book: *Microeconomics: 17th Canadian Edition*, C.T.S. Ragan. Toronto: Pearson, 2023. MyEconLab (MEL) Online Access (Pearson, 2023).

You are required to purchase MyEconLab in order to complete your assignments online. We encourage you to purchase the e-text as well. Through the Dalhousie bookstore, you may purchase an access code for the e-text with MyLab (\$102.36) or an access code for MyLab alone (\$61.26).

The URL to purchase MyEconLab from the Dalhousie bookstore, with or without the e-text, is: <u>The Dal Bookstore</u>

If you purchase an access code in the bookstore, you must go to <u>https://bookstore.dal.ca/textbooks/redeem-access-codes</u> to redeem your bookstore code for a Pearson code. Click on Person widget on our ECON 1101 Brightspace homepage to create a Pearson account and log in to MyEconLab. You may also purchase MyEconLab direct from Pearson within Brightspace.

Course Assessment:

Tutorial Participation	10% of final grade	
MyEconLab Assignments (best 9/11)	15% of final grade	
Brightspace Quizzes (best 4/5)	20% of final grade	
Midterms (2)	30% of final grade	Friday (March 1 and March 22)
Final Exam	25% of final grade	Scheduled by Registrar (April 11-23)

Note: See the Course Schedule below for the dates of assignments, quizzes, and midterm exams.

Course Requirements:

Tutorials:

- Tutorial attendance is required and participation is worth 10% of your grade.
- Tutorials start the week of Tuesday, January 22. There will be 11 tutorial sessions and you must attend 8 sessions to get 10%. If you attend fewer than 8 sessions you will get 1.25% per session.

Assignments:

- There will be assignments using MyEconLab, linked through Brightspace.
- Students will have two attempts at each assignment.
- The due dates are below:
 - Assignment 1
 Assignment 2
 Monday, January 15, 11:59 p.m.
 Monday, January 22, 11:59 p.m.
 - Assignment 3 Monday, February 5, 11:59 p.m.
 - Assignment 4 Monday, February 12, 11:59 p.m.
 - Assignment 5 Monday, February 26, 11:59 p.m.
 - Assignment 6 Monday, March 4, 11:59 p.m.
 - Assignment 7 Monday, March 11, 11:59 p.m.
 - Assignment 8 Monday, March 18, 11:59 p.m.
 - Assignment 9 Monday, March 25, 11:59 p.m.
 - Assignment 10 Monday, April 1, 11:59 p.m.
 - Assignment 11 Monday, April 8, 11:59 p.m.
- The best 9 out of 11 assignments will count towards the grade.
- Each assignment will contain 3-5 multi-part questions.

Quizzes:

- There will be 5 Brightspace quizzes.
- The best 4 out of 5 quizzes will count.
- Each quiz will contain 6 multiple choice questions.
- Once a student begins the quiz, the student has <u>10 minutes</u> to complete the quiz. The results of the quiz will be published on Tuesdays by 4 pm.
- To access each quiz within Brightspace, click on Assessments and select Quizzes in the dropdown menu.
- Respondus LockDown will be used during quizzes. This is a program that must be downloaded onto your computer.
- Quiz dates:
 - Quiz 1 Friday, February 2, between 8 a.m. and 4 p.m.
 - Quiz 2 Friday, February 16, between 8 a.m. and 4 p.m.
 - Quiz 3 Friday, March 8, between 8 a.m. and 4 p.m.
 - Quiz 4 Friday, March 29, between 8 a.m. and 4 p.m.
 - Quiz 5 Friday, April 5, between 8 a.m. and 4 p.m.
- A practice quiz will be available on Monday before each quiz, accessed within Brightspace. The practice quiz does not count towards the grade.
- If you have technical difficulty, take a screenshot and send an email to me and IT support at support@dal.ca

Exams:

- There will be two non-cumulative midterms (online), and one cumulative final exam (in person).
- Each midterm will contain 40 multiple choice questions.
- You will have 1 hour to complete each midterm.
- Each midterm will be available between 8 am and 4 pm. Please note that you cannot start the exam after 7 pm.
- Respondus LockDown will be used during midterms.
- Midterm dates: Midterm 1 will be held on Friday, March 1. Midterm 2 will be held on March 22.
- To access each midterm within Brightspace, click on Assessments and select Quizzes in the dropdown menu.
- The final exam will contain 40 multiple choice questions and 4 short-answer questions.
- You will have 2 hours to complete the final exam.
- The final exam will be scheduled by the Registrar's Office during the final exam period (April 11-23). Do not make travel arrangements during this period.
- Students must pass the final exam (50% or higher) to pass the class.

This course has a Brightspace page for all registered students; see <u>https://dal.brightspace.com</u> for details. **Class materials, grades, and announcements will be posted to Brightspace.** It is essential that you familiarize yourself with how to use the Brightspace system.

Workload:

Typically, you will need to spend 6-10 hours of your time each week on this course. This includes time spent in class and tutorials, reading the textbook, and reviewing your notes. You also have access to the Study Plan and the Dynamic Study Modules on MyEconLab, which offers practice questions that will help you master the material and concepts needed for the quizzes and the exams.

Important Dates:

January 22	Last day to add fall term courses Last day to drop fall term courses with no financial implications
February 6	Last day to change winter term courses from audit to credit (and vice versa) Last day to drop winter term courses without a "W" Last day to drop winterterm courses with a "W"

Conversion of Numerical Grades to Final Letter Grades following the Dalhousie Common Grade Scale:

A + (90-100)	B + (77-79)	C + (65-69)	D	(50-54)
A (85-89)	B (73-76)	C (60-64)	F	(<50)
A- (80-84)	B- (70-72)	C- (55-59)		

Course Policies:

Missed tutorials: Considering that you are required to attend only 8 out of 11 tutorials, I will <u>not</u> accept any excuses for missed tutorials. We do <u>not</u> accept the Student Declaration of Absence form for missed tutorials.

Missed assignments: Considering that you have one week to complete each of the assignments, and that your lowest two assignment marks will be dropped, we will <u>not</u> accept any excuses for missed or late assignment submissions. I do <u>not</u> accept the Student Declaration of Absence form for missed assignments.

Missed quizzes: Considering that your lowest quiz mark will be dropped, we will <u>not</u> accept any excuses for missed or late quiz submissions. I do <u>not</u> accept the Student Declaration of Absence form for missed quizzes.

Missed midterm exams: If a student misses one of the midterms for a valid reason, as defined in Section 16.8 of the University Calendar, then the weight of the missed midterm will be added to the final exam.

Videos: If class is cancelled due to a holiday, instructor illness, or a campus closure, or if a given week's course material cannot be completed during class time for any reason, the material will be presented in videos that will be uploaded to Brightspace.

Academic integrity: To maintain academic integrity, students are expected to do their own work on assignments, quizzes, and midterms, without reference to colleagues or online sources.

Email policy: I will do my best to respond to email within two business days according to the following policy:

- a. I will only respond to emails posing questions that can be answered in a sentence or two. For detailed questions, please make an appointment to see me in office hours.
- b. I will <u>not</u> reply to emails that request information that can be found on Brightspace, the syllabus, or in lectures, so you should check those places first.

Health and safety: All students are required to comply with health and safety requirements on campus, and should be considerate of others' health concerns. Non-compliance may be reported under the Code of Student Conduct.

Cours	Course Schedule:				
	Date	Topics, Readings, and Deliverables			
1.	January 8	Introduction to ECON 1101 Chapter 1: Economic Issues and Concepts Read: <i>Microeconomics</i> , Chapter 1.			
2.	January 15	Chapter 3: Demand, Supply, and Price Read: <i>Microeconomics</i> , Chapter 3. Submit: Assignment 1 (Chapter 1), due Monday, January 15			
3.	January 22	Chapter 3: Demand, Supply, and Price (Contd.) Read: <i>Microeconomics</i> , Chapter 3. Submit: Assignment 2 (Chapter 3), due Monday, January 22			
4.	January 29	Chapter 4: Elasticity Read: <i>Microeconomics</i> , Chapter 4. Submit: Quiz 1 (Chapter 1 & 3), Friday, February 2.			
5.	February 5	Chapter 5: Price Controls and Market Efficiency Read: <i>Microeconomics</i> , Chapter 5. Submit: Assignment 3 (Chapter 4), due Monday, February 5			
6.	February 12	Chapter 6: Consumer Behaviour Read: <i>Microeconomics</i> , Chapter 6. Submit: Assignment 4 (Chapter 5), due Monday, February 12 Submit: Quiz 2 (Chapter 4 & 5), Friday, February 16.			
	February 19-23	Reading Week (No classes and office hours)			
7.	February 26	Chapter 7: Producers in the Short Run Read: <i>Microeconomics</i> , Chapter 7. Submit: Assignment 5 (Chapter 6), due Monday, February 26 Submit: Midterm 1 (Chapters 1, 3-5), due Friday, March 1, 8 a.m4 p.m.			
8.	March 4	Chapter 9: Competitive Markets Read: <i>Microeconomics</i> , Chapter 9. Submit: Assignment 6 (Chapter 7), due Monday, March 4. Submit: Quiz 3 (Chapters 6 & 7), due Friday, March 8.			
9.	March 11	Chapter 10: Monopoly, Cartels, and Price Discrimination Read: <i>Microeconomics</i> , Chapter 10. Submit: Assignment 7 (Chapter 9), due Monday, March 11			
10.	March 18	Chapter 11: Imperfect Competition and Strategic Behaviour Read: <i>Microeconomics</i> , Chapter 11.			

		Submit: Assignment 8 (Chapter 10), due Monday, March 18 Submit: Midterm 2 (Chapters 6,7, 9 and 10), due Friday, March 22., 8 a.m 4 p.m.
11.	March 25	Chapter 13: How Factor Markets Work Chapter 14: Income Inequality Read: <i>Microeconomics</i> , Chapter 13 and Chapter 14.3. Submit: Assignment 9 (Chapter 11), due Monday, March 25 Submit: Quiz 4 (Chapter 9 &10), due Friday, March 29.
13.	April 1	Chapter 16: Market Failures and Government Intervention Read: <i>Microeconomics</i> , Chapter 16. Submit: Assignment 10 (Chapters 13-14.3), due Monday, April 1 Submit: Quiz 5 (Chapters 11 and 13), Friday, April 5.
14.	April 8	Submit: Assignment 11 (Chapter 16), due Monday, April 8 Last day of classes: April 8.
Exan	n period	Submit: Final Exam (Scheduled by Registrar's Office during April 11-23)

University Policies and Statements Recognition of Mi'kmaq Territory

Dalhousie University would like to acknowledge that the University is on Traditional Mi'kmaq Territory. The Elders in Residence program provides students with access to First Nations elders for guidance, counsel, and support. Visit or e-mail the Indigenous Student Centre at 1321 Edward St or <u>elders@dal.ca</u>. Additional information regarding the Indigenous Student Centre can be found at: <u>https://www.dal.ca/campus_life/communities/indigenous.html</u>

Internationalization

At Dalhousie, 'thinking and acting globally' enhances the quality and impact of education, supporting learning that is "interdisciplinary, cross-cultural, global in reach, and orientated toward solving problems that extend across national borders." Additional internationalization information can be found at: <u>https://www.dal.ca/about-dal/internationalization.html</u>

Academic Integrity

At Dalhousie University, we are guided in all our work by the values of academic integrity: honesty, trust, fairness, responsibility, and respect. As a student, you are required to demonstrate these values in all the work you do. The University provides policies and procedures that every member of the university community is required to follow to ensure academic integrity. Additional academic integrity information can be found at: https://www.dal.ca/dept/university_secretariat/academic-integrity.html

Accessibility

The Student Accessibility Centre is Dalhousie's centre of expertise for matters related to student accessibility and accommodation. If there are aspects of the design, instruction, and/or experiences within this course (online or inperson) that result in barriers to your inclusion, please contact the Student Accessibility Centre (<u>https://www.dal.ca/campus_life/academic-support/accessibility.html</u>) for all courses offered by Dalhousie with the exception of Truro. For courses offered by the Faculty of Agriculture, please contact the Student Success Centre in Truro (<u>https://www.dal.ca/about-dal/agricultural-campus/student-success-centre.html</u>)

Conduct in the Classroom - Culture of Respect

Substantial and constructive dialogue on challenging issues is an important part of academic inquiry and exchange. It requires willingness to listen and tolerance of opposing points of view. Consideration of individual differences and alternative viewpoints is required of all class members, towards each other, towards instructors, and towards guest speakers. While expressions of differing perspectives are welcome and encouraged, the words and language used should remain within acceptable bounds of civility and respect.

Diversity and Inclusion – Culture of Respect

Every person at Dalhousie has a right to be respected and safe. We believe inclusiveness is fundamental to education. We stand for equality. Dalhousie is strengthened in our diversity. We are a respectful and inclusive community. We are committed to being a place where everyone feels welcome and supported, which is why our Strategic Direction prioritizes fostering a culture of diversity and inclusiveness (Strategic Priority 5.2). Additional diversity and inclusion information can be found at: <u>http://www.dal.ca/cultureofrespect.html</u>

Student Code of Conduct

Everyone at Dalhousie is expected to treat others with dignity and respect. The Code of Student Conduct allows Dalhousie to take disciplinary action if students don't follow this community expectation. When appropriate, violations of the code can be resolved in a reasonable and informal manner - perhaps through a restorative justice process. If an informal resolution can't be reached, or would be inappropriate, procedures exist for formal dispute resolution. The full Code of Student Conduct can be found at: <u>https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html</u>

Fair Dealing Policy

The Dalhousie University Fair Dealing Policy provides guidance for the limited use of copyright protected material without the risk of infringement and without having to seek the permission of copyright owners. It is intended to provide a balance between the rights of creators and the rights of users at Dalhousie. Additional information regarding the Fair Dealing Policy can be found at: <u>https://www.dal.ca/dept/university_secretariat/policies/academic/fair-dealing-policy-.html</u>

Originality Checking Software

The course instructor may use Dalhousie's approved originality checking software and Google to check the originality of any work submitted for credit, in accordance with the Student Submission of Assignments and Use of Originality Checking Software Policy. Students are free, without penalty of grade, to choose an alternative method of attesting to the authenticity of their work and must inform the instructor no later than the last day to add/drop classes of their intent to choose an alternate method. Additional information regarding Originality Checking Software can be found at: <u>https://www.dal.ca/dept/university_secretariat/policies/academic/student-submission-of-assignments-and-use-of-originality-checking-software-policy-.html</u>

Student Use of Course Materials

Course materials are designed for use as part of this course at Dalhousie University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as books, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law. Copying this course material for distribution (e.g. uploading to a commercial third-party website) may lead to a violation of Copyright law.

Faculty of Science Student Resources and Support

University Policies and Programs

Important Dates in the Academic Year (including add/drop dates): <u>http://www.dal.ca/academics/important_dates.html</u> Classroom Recording Protocol: <u>https://www.dal.ca/dept/university_secretariat/policies/academic/classroom-recording-protocol.html</u>

Dalhousie Grading Practices Policies: <u>https://www.dal.ca/dept/university_secretariat/policies/academic/grading-practices-policy.html</u>

Grade Appeal Process: <u>https://www.dal.ca/campus_life/academic-support/grades-and-student-records/appealing-a-grade.html</u>

Sexualized Violence Policy: <u>https://www.dal.ca/dept/university_secretariat/policies/health-and-safety/sexualized-violence-policy.html</u>

Scent-Free Program: https://www.dal.ca/dept/safety/programs-services/occupational-safety/scent-free.html

Learning and Support Resources

General Academic Support – Advising (Halifax): <u>https://www.dal.ca/campus_life/academic-support/advising.html</u> General Academic Support – Advising (Truro): <u>https://www.dal.ca/about-dal/agricultural-campus/ssc/academic-support/advising.html</u>

Student Health & Wellness Centre: https://www.dal.ca/campus_life/health-and-wellness.html

On Track (helps you transition into university, and supports you through your first year at Dalhousie and beyond): <u>https://www.dal.ca/campus_life/academic-support/On-track.html</u>

Indigenous Student Centre: https://www.dal.ca/campus life/communities/indigenous.html

Indigenous Connection: https://www.dal.ca/about-dal/indigenous-connection.html

Elders-in-Residence (The Elders in Residence program provides students with access to First Nations elders for guidance, counsel, and support. Visit the office in the Indigenous Student Centre or contact the program at <u>elders@dal.ca</u> or 902-494-6803: <u>https://cdn.dal.ca/content/dam/dalhousie/pdf/academics/UG/indigenous-studies/Elder-Protocol-July2018.pdf</u>

Black Student Advising Centre: <u>https://www.dal.ca/campus_life/communities/black-student-advising.html</u> International Centre: <u>https://www.dal.ca/campus_life/international-centre.html</u>

South House Sexual and Gender Resource Centre: https://southhousehalifax.ca/about/

LGBTQ2SIA+ Collaborative: <u>https://www.dal.ca/dept/vpei/edia/education/community-specific-spaces/LGBTQ2SIA-collaborative.html</u>

Dalhousie Libraries: http://libraries.dal.ca/

Copyright Office: <u>https://libraries.dal.ca/services/copyright-office.html</u>

Dalhousie Student Advocacy Services: https://www.dsu.ca/dsas?rq=student%20advocacy

 $Dalhousie\ Ombudsperson:\ \underline{https://www.dal.ca/campus_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html$

Human Rights and Equity Services: <u>https://www.dal.ca/dept/hres.html</u> Writing Centre: <u>https://www.dal.ca/campus_life/academic-support/writing-and-study-skills.html</u> Study Skills/Tutoring: <u>http://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html</u> Faculty of Science Advising Support: <u>https://www.dal.ca/faculty/science/current-students/undergrad-students/degreeplanning.html</u>

Safety

Biosafety: <u>http://www.dal.ca/dept/safety/programs-services/biosafety.html</u> Chemical Safety: <u>https://www.dal.ca/dept/safety/programs-services/chemical-safety.html</u> Radiation Safety: <u>http://www.dal.ca/dept/safety/programs-services/radiation-safety.html</u> Laser Safety: <u>https://www.dal.ca/dept/safety/programs-services/radiation-safety.html</u>