

**University of Waterloo**  
**Department of Economics**  
**ECON 101-Section 005-Introduction to Microeconomics**  
**Fall 2019**  
**4:30-5:20 MWF, AL 116**

**Instructor Information**

Instructor: Nafeez Fatima  
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**Instruction regarding communication**

- When sending email, “Econ 101-Section 005” must appear in the subject line and the message must include your full name and student ID number.
- Please use emails for administrative matters only. I will be available during office hours, or by appointment, to discuss course material.

**Where to find this course outline**

This course outline is available at two locations for the duration of the term:

- Department of Economics website: <https://uwaterloo.ca/economics/undergraduate/courses/outlines-fall2019>
  - LEARN web site (requires UW userid and password): <http://learn.uwaterloo.ca>
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**Course Description**

This course provides an introduction to microeconomic analysis relevant for understanding the Canadian economy. The behavior of individual consumers and producers, the determination of market prices for commodities and resources, and the role of government policy in the functioning of the market system are the main topics covered.

**Course Objectives**

Microeconomics is the study of economic behavior of individual consumers and firms and the distribution of total production and income among them. It involves determination of price through the optimizing behavior of economic agents, with consumers maximizing utility and firms maximizing profit. The general concern of microeconomics is the efficient allocation of scarce resources among alternative uses.

Topics covered in this course include the theory of supply and demand, competitive and mixed market structures, consumer behavior and the role of government in the market economy.

The focus of this course is to introduce students to the basic principles/theories of microeconomics. We will also use the general conceptual framework used in microeconomics to approach environmental and resource problems. At the end, students should be able to understand how scarce factors of production are allocated to different firms, how the produced goods and services are distributed to consumers and whether a coordination of the production and consumption plan is required so that supply meets demand.

## **Required Textbook**

Parkin, Michael and Robin Bade (2018). "Microeconomics: Canada in the Global Environment", 10<sup>th</sup> edition. Pearson Education Canada. Available from UW BookStore.

My EconLab and study guide that accompany this textbook are optional.

**Course ID # for MyEconLab: monotiuk12035**

## **Resources**

Course related materials including lecture notes are posted on LEARN under

### **ECON 101 Fall 2019**

It is highly recommended that students attend the lectures and read the textbook. Lecture notes are provided as a supplement to the text book. The lecture notes and the content (including the room location) of the exams will be announced in class and on LEARN. The LEARN site is down occasionally. Save the course materials to your computer as soon as they are posted. Always be prepared! Students writing test and exams are responsible to save course materials on LEARN before the access to their courses is shut off (normally on the first day of classes of the next term). One copy of the required textbook will be placed on reserves in the Dana Porter library for three hours.

## **Assessments**

Student evaluation for this course consists of two in-class midterm exams and a final exam. The exams will include all multiple choices questions. Final exam will be comprehensive; it will include all materials covered during the term. The final exam schedule will be released by the Registrar's Office on September 27. The final exam period for Fall 2019 term is from December 6 to December 21. Students are expected to be available during this time. An alternative final exam time is not allowed on the ground of travel plans. See the following webpage for details:

<http://www.registrar.uwaterloo.ca/exams/finalexams.html>

## **Exam Schedule and Mark Breakdown**

Exams	Time and Date	Chapters	Weight
Midterm Exam 1	Friday, October 11, 2019	Chapters 1, 2 & 3	20%
Midterm Exam 2	Friday, November 15, 2019	Chapters 4, 8, 9, 10 & 11	30%
Final	To be announced (between December 6-21)	Comprehensive	50%

## **List of Topics**

### **Chapter 1: What is Economics?**

- (1). Wants and scarcity
- (2). Microeconomics & macroeconomics
- (3). Positive and normative economics
- (4). Choices and tradeoffs
- (5). The Economic system and the environment

- (6). Appendix - graphs in economics

### **Chapter 2: The Economic Problem**

- (1). Opportunity cost and production possibility curve
- (2). Absolute and comparative advantage
- (3). Gains from trade & economic growth
- (4). Free vs. fair trade
- (5). Sustainability

### **Chapter 3: Demand and Supply**

- (1). Law of demand & demand curve, change in quantity demanded and change in demand, law of supply and supply curve, change in quantity supplied and change in supply
- (2). Equilibrium price and quantity
- (3). Shift of the demand curve and shift of the supply curve
- (4). Predicting changes in price and quantity

### **Chapter 4: Elasticity**

- (1). Price elasticity of demand and price elasticity of supply
- (2). Relationship between price elasticity of demand and total revenue
- (3). Income elasticity of demand and cross elasticity of demand
- (4). The factors that influence the elasticity of demand and elasticity of supply

### **Chapter 6: Government in Action**

- (1). Demand and marginal benefit
- (2). Supply and marginal cost
- (3). Efficiency of competitive market
- (4). Surpluses and shortages, price ceilings & price floor
- (5). Minimum wage and rent control
- (6). Taxes and subsidies

### **Chapter 8: Utility and Demand**

- (1). Total utility and marginal utility
- (2). Marginal utility theory and predictions of marginal utility theory
- (3). Paradox of value
- (4). Overconsumption and social norms

### **Chapter 9: Possibilities, Preferences, and Choices**

- (1). Preferences and indifference curve
- (2). Budget schedule and budget line
- (3). Deriving an individual's demand curve & predicting consumer choices
- (4). Work-leisure choices

### **Chapter 10: Output and Costs**

- (1). Explicit and implicit cost
- (2). Accounting profit vs. economic profit
- (3). Technological and economic efficiency
- (4). Markets and the competitive environment
- (5). Sustainable business or green business and Triple bottom line

- (6). Laws of production - short run and long run
- (7). Product curves (total product curve, marginal product curve and average product curve)
- (8). Short run cost curves
- (9). Long run cost curves

### **Chapter 11: Perfect Competition**

- (1). Characteristics of perfect competition
- (2). Profit maximizing condition for short run and long run
- (3). Break-even point and shut down point
- (4). Entry and exit

### **Chapter 12: Monopoly**

- (1). Characteristics of monopoly market and monopoly's output and price decision
- (2). Natural monopoly
- (3). Price discrimination
- (4). Comparing price and output between monopoly and perfect competition

### **Chapter 13: Monopolistic Competition**

- (1). Characteristics of monopolistic competition
- (2). Price and output in monopolistic competition

### **Chapter 14: Oligopoly**

- (1). What is oligopoly?
- (2). The kinked demand curve
- (3). Dominant firm oligopoly & Oligopoly games

### **Tentative Class Schedule & Reading List**

<b>Week</b>	<b>Date</b>	<b>Lecture Topics and Related Readings</b>
Week 1	September 4 September 6	Introduction to the course, course outline What is Economics? (Ch.1)
Week 2	September 9 September 11 September 13	What is Economics? (Ch.1) & The Economic Problem (Ch.2)
Week 3	September 16 September 18 September 20	The Economic Problem (Ch.2) & Demand and Supply (Ch.3)
Week 4	September 23 September 25 September 27	Demand and Supply (Ch.3)
Week 5	September 30 October 2 October 4	Demand and Supply (Ch.3) & Elasticity (Ch.4)
<b>Week 6</b>	October 7	Elasticity (Ch.4), Utility and Demand (Ch.8) &

	October 9 <b>October 11</b>	Review <b>Midterm 1</b>
<b>Week 7</b>	<b>October 14</b> <b>October 16</b> <b>October 18</b>	<b>University Holiday &amp; Reading Week - No class</b>
Week 8	October 21 October 23 October 25	Utility and Demand (Ch.8) & Possibilities, Preferences and Choices (Ch. 9)
Week 9	October 28 October 30 November 1	Possibilities, Preferences and Choices (Ch. 9) & Output and Costs (Ch.10)
Week 10	November 4 November 6 November 8	Output and Costs (Ch.10) & Perfect Competition (Ch.11)
<b>Week 11</b>	November 11 November 13 <b>November 15</b>	Perfect Competition (Ch.11) & Government Actions in Market (Ch.6) & Review <b>Midterm 2 (Chapters 4, 8, 9, 10 &amp; 11)</b>
Week 12	November 18 November 20 November 22	Monopoly (Ch.12) & Monopolistic Competition (Ch.13)
Week 13	November 25 November 27 November 29	Monopolistic Competition (Ch.13) & Oligopoly (Ch.14)
Week 14	December 2	Oligopoly (Ch.14) & Review for Final Exam

**\*\*\*This class schedule is tentative. There may be addition or slight modification in this schedule given the pace of the class\*\*\*.**

### **Policy for Missed Exams**

No make-up midterm exam will be provided for this course. Students who do not have a relevant medical certificate will receive a mark of zero on any missed exam and their final grade will be assigned in accordance with the formula specified above. For students who have valid medical certificate (approved by the instructor), the weight of the missed exam will be transferred to final exam. This remedy is a privilege and not a right. The midterm exam schedule has been set and will not be changed for whatever reason.

Missing the final exam is a very serious matter which automatically results in a grade of zero for the final exam and possibly a failing grade for the course. Please carefully read the Economics Department policy on deferred final exams for instructions. No deferred final exam will be provided for student who missed all the exams (including the final exam) in this course. Students are advised to notify the instructor in person about the missed exam as soon as they are better. E-mail notification about the missed exam is not accepted.

For detailed instruction regarding missed final exam, visit the following webpage:

<https://uwaterloo.ca/economics/undergraduate/resources-and-policies/deferred-final-exam-policy>

It is the responsibility of students to ensure that they write exams in the location, date, and time assigned to their section. Students writing exams in the wrong section will be assessed a 20% penalty on the final exam grade. There will be no accommodation for possible differences in exam material or content.

### **Submission of Exam Papers**

Late submission of exam papers is not accepted and missed submissions will receive a zero mark for whatever reason.

Exam papers must be submitted in whole and on time in the exam room. Exam papers

- (a). not submitted on time,
- (b). submitted with missing pages,
- (c). submitted elsewhere, with the exception of students with permission to write in the AS Office,
- (d). not received at all will receive a grade of zero for whatever reason.

### **Grades**

Exam marks will be posted on Learn. Posting grades in public places or sending grades by e-mail are prohibited by university regulations.

### **Fee-Arranged Issues**

Students are responsible for administrative matters concerning their course registration including fee arrangements. No make-up work or remedies will be given for losses of access to LEARN and academic consequences arising from administrative issues with the Registrar's Office.

### **Attendance Policy**

Class attendance is an integral part of the course. Although attendance is not marked, it is critical for understanding the course material. Students are responsible for all material covered in the course whether they choose to attend classes or not.

### **Classroom Protocols**

- No private conversations in class will be tolerated.
- Turn off all cell phone communication devices and put them away for the duration of the lecture.
- In order to maintain a learning environment in this classroom, I expect the highest level of courtesy and professional behavior from every student.

### **Electronic Device Policy**

- **THIS IS A HANDHELD-DEVICE-FREE ZONE.**
  - Turn off all handheld devices and put them away for the duration of the lecture.
  - Laptop computers may only be used to view lecture material.
  - Photographic devices are not permitted in class due to copyright and privacy issues.
- Audio or video recording devices are not permitted in class due to copyright and privacy issues.

## **Cross-listed Course**

Please note that a cross-listed course will count in all respective averages no matter under which rubric it has been taken. For example, a PHIL/PSCI cross-list will count in a Philosophy major average, even if the course was taken under the Political Science rubric.

## **Institutional-required statements for undergraduate course outlines approved by Senate Undergraduate Council, April 14, 2009:**

**Academic Integrity:** In order to maintain a culture of academic integrity, members of the University of Waterloo are expected to promote honesty, trust, fairness, respect and responsibility. See the [UWaterloo Academic Integrity](#) webpage and the [Arts Academic Integrity](#) webpage for more information.

**Discipline:** A student is expected to know what constitutes academic integrity, to avoid committing academic offences, and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences (e.g., plagiarism, cheating) or about “rules” for group work/collaboration should seek guidance from the course professor, academic advisor, or the Undergraduate Associate Dean. When misconduct has been found to have occurred, disciplinary penalties will be imposed under Policy 71 – Student Discipline. For information on categories of offenses and types of penalties, students should refer to [Policy 71 - Student Discipline](#). For typical penalties check [Guidelines for the Assessment of Penalties](#).

**Grievance:** A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. [Read Policy 70 - Student Petitions and Grievances](#), Section 4. When in doubt, please be certain to contact the department’s administrative assistant who will provide further assistance.

**Appeals:** A decision made or penalty imposed under Policy 70 - Student Petitions and Grievances (other than a petition) or Policy 71 - Student Discipline may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to [Policy 72 - Student Appeals](#).

**Note for Students with Disabilities:** [The AccessAbility Services office](#), located on the first floor of the Needles Hall extension (1401), collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with the AS office at the beginning of each academic term.

### **Mental Health Support**

All of us need a support system. The faculty and staff in Arts encourage students to seek out mental health supports if they are needed.

### **On Campus**

- Counselling Services: [counselling.services@uwaterloo.ca](mailto:counselling.services@uwaterloo.ca) / 519-888-4567 ext 32655
- [MATES](#): one-to-one peer support program offered by Federation of Students (FEDS) and Counselling Services
- Health Services Emergency service: located across the creek from Student Life Centre

**Off campus, 24/7**

- [Good2Talk](#): Free confidential help line for post-secondary students. Phone: 1-866-925-5454
- Grand River Hospital: Emergency care for mental health crisis. Phone: 519-749-433 ext. 6880
- [Here 24/7](#): Mental Health and Crisis Service Team. Phone: 1-844-437-3247
- [OK2BME](#): set of support services for lesbian, gay, bisexual, transgender or questioning teens in Waterloo. Phone: 519-884-0000 extension 213

Full details can be found online at the Faculty of ARTS [website](#)

Download [UWaterloo and regional mental health resources \(PDF\)](#)

Download the [WatSafe](#) app to your phone to quickly access mental health support information

**Territorial Acknowledgement**

We acknowledge that we are living and working on the traditional territory of the Attawandaron (also known as Neutral), Anishinaabeg and Haudenosaunee peoples. The University of Waterloo is situated on the Haldimand Tract, the land promised to the Six Nations that includes six miles on each side of the Grand River.