

**Economics 1102 Winter 2023**  
**Principles of Macroeconomics**

*Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq.  
We are all Treaty people.*

*We acknowledge the histories, contributions, and legacies of the African Nova Scotian people and communities  
who have been here for over 400 years.*

**Instructors:**

Professor Michael Rushe                      Section 04                      michael.rushe@dal.ca

**Office Hours:**

Online office hours are available on weekdays with 24 hours' notice; email your instructor to make an appointment.

**Course Delivery:**        **Fully Online** - - - Asynchronous pre-recorded lectures; quizzes, assignments and exams are **all online**.

This course has a Brightspace page for all registered students; see <https://dal.brightspace.com/d2l/home/230566> for details. **Class materials, marks, and announcements will be posted to Brightspace.** It is essential you **familiarize** yourself with how to use the Brightspace system.

Teaching Assistant: Abena, [ab587129@dal.ca](mailto:ab587129@dal.ca); Virtual meetings TBD through Microsoft *Teams*

**Discussion Board** - Live online help with the teaching assistant. **For all questions related to the class material, please use the Brightspace Discussion Board.**

For **Technical help** with **Pearson** (Mylab etc.) check with Pearson support:

<https://support.pearson.com/getsupport/s/students>;

For **Technical help** with **Brightspace** please contact: [helpdesk@dal.ca](mailto:helpdesk@dal.ca)

**Course Description:**

Why are some countries rich and others poor? If high oil prices cause the loonie to rise, how are Ontario manufacturers affected? Why were mortgage interest rates above 20% in 1981 but below 5% in 2013? Macroeconomic analysis, which considers the behaviour of the entire economy, can answer questions like these.

**Course Prerequisites:**

None

**Course Objectives/ Learning Outcomes:**

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

- consider trade-offs and opportunity cost in making choices.
- define and understand the key macroeconomic variables.
- compare how GDP is measured from the expenditure side and from the income side.
- understand how equilibrium national income is determined, and how it can change.
- analyze how fiscal policy can be used to influence the level of national income.
- examine how aggregate demand or aggregate supply shocks affect equilibrium real GDP and prices.
- explain why output gradually returns to potential following a demand or supply shock.
- evaluate the determinants of growth and alternative growth theories.
- describe the functions of money and explain how commercial banks create money.
- determine how monetary policy affects the economy in the short run and the long run.
- identify how the Bank of Canada conducts monetary policy.

**Course Materials:**

Required book: *Macroeconomics: 17<sup>th</sup> Canadian Edition*, C. T. S. Ragan, Toronto: Pearson, 2023.

MyLab Online Access (Pearson, 2023).

*You are required to purchase MyLab in order to complete your assignments online.* I 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 (\$96.86) or an access code for MyLab alone (\$49.96).

The **only** place you should purchase the required material is during the registration process within your MyLab-Brightspace integrated course **or** from the Bookstore.

### Textbooks Search

**1. Select Campus (Hfx Campus Student Union Bldg) > 2. Select Term > 3. Select Program > 4. Select Course**

**You must purchase MyLab in order to complete your assignments online.** If you purchase an access code in the bookstore, you must go to <https://bookstore.dal.ca/textbooks/redeem-access-codes> to redeem your bookstore code for a Pearson code.

Register for MyLab as soon as possible, as Assignments are on MyLab. Note: You **do not** need a course ID - - - **register using the Pearson Links on Brightspace only. Access the links at the bottom of the Course Home page.**

The publisher's PowerPoint Slides are posted on Brightspace. These slides will help guide your studies; however, they are **NOT SUFFICIENT** readings to learn the required material. I have also posted Lecture Notes to assist your notetaking while viewing the recorded lectures.

To succeed in learning the material, you are strongly advised to read (and take notes on) the required sections of the textbook and **take notes** while viewing the recorded lectures.

### Course Assessment:

|                                 |                    |  |
|---------------------------------|--------------------|--|
| MyLab Assignments (best 8/11)   | 20% of final grade | Every week (due Sunday 11:59 p.m.)     |
| Brightspace Quizzes (best 7/10) | 30% of final grade | Every week (due Monday 11:59 p.m.)     |
| Exam 1 online                   | 25% of final grade | Monday, February 27                    |
| Exam 2 online                   | 25% of final grade | Scheduled by Registrar (April 13 - 25) |

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

There will be **11** assignments and **10** quizzes, with the best **8** assignments and **7** quizzes counted. More importantly, the assignments, quizzes, and exercises will aid in your understanding of the material and in exam preparations. **No make-up quizzes or assignments will be offered.**

Grading: **GRADES ARE NOT NEGOTIABLE.** Do not contact me after the final semester grades have been posted asking me to change your grade for any reason. [Of course, if you believe your grade was posted erroneously by all means DO contact me.]

### Course Requirements:

Assignments:

- There will be weekly assignments using MyLab, linked through Brightspace.

- Students will have one week to complete each assignment; you have two attempts at each assignment.
- An assignment should take approximately 30-45 minutes to complete.
- Each assignment is due at 11:59 p.m. on Sundays.
- The best 8 out of 11 assignments will count.
- Each assignment will contain 4-5 multi-part questions.
- I suggest going through the questions in the Study Plan and the Dynamic Study Modules on MyLab to help you practice for each assignment.
- **No make-up assignments will be offered.**

Quizzes: **On Brightspace** - - - Click on **Assessments** - - - dropdown menu **Quizzes**

- There will be 10 quizzes, every week except the week of Exam 1, done on Brightspace.
- The best 7 out of 10 quizzes will count.
- Each quiz will contain 10 multiple choice questions.
- Each quiz will become available on Sunday at 11:59 a.m. and will be due on Monday at 11:59 p.m.
- Once a student begins the quiz, the student has 18 minutes to complete the quiz.
- Although quizzes are not invigilated, students are expected to do their own work without reference to notes, the textbook, or online materials.
- Respondus LockDown will be used during quizzes. This is a program that must be downloaded onto your computer.
- Quiz dates: Sunday 11:59 a.m. to Monday 11:59 p.m., due on the following Mondays: January 23, 30; February 6, 13; March 6, 13, 20, 27; April 3, 10.
- A practice quiz will be available before each quiz, accessed within Brightspace. **No credit will be given for the practice quizzes, but I encourage you to complete the practice quizzes in order to prepare for the actual quizzes.**
- **No make-up quizzes will be offered.**

Exams: **On Brightspace** - - - Click on **Assessments** - - - dropdown menu **Quizzes**

- There will be two non-cumulative exams (online).
- Each exam will contain 40 multiple choice questions and 4 short-answer questions.
- You will have 2 hours to complete each exam.
- Exam 1 will be available at 8:30 a.m. or 2:00 p.m. on Monday, February 27. You **must** submit a **registration form** to write the 2:00 p.m. exam through the Brightspace dropbox (Assessments – Assignments).
- The registration form to write Exam 1 at 2:00 p.m. **must be** uploaded **before** 11:59 p.m. (Halifax time) on **Wednesday, February 15, 2023.**
- Although the exams are not invigilated, students are expected to do their own work without reference to notes, the textbook, or online materials.
- To access each exam within Brightspace, click on Assessments and select Quizzes in the dropdown menu.
- Respondus LockDown will be used during midterms.
- If Exam 1 cannot be held due to a campus closure, that exam will be rescheduled to Friday of that week (four days after the original date of Exam 1).
- The final exam will be scheduled by the Registrar’s Office during the final exam period (April 13 - 25). Do not make travel arrangements during this period.
- Students must pass a combination of Exam 1 & 2 (50% or higher) to pass the class.

In accordance with the Academic Calendar regulation 16.1 **“In order to complete a course satisfactorily, a student must fulfill all the requirements as set down in the course outline [Syllabus].”**

### **Workload:**

Typically, you will need to spend 6-10 hours of your time each week on this course. This includes time spent watching videos, reading the textbook, and reviewing your notes. You also have access to the Study Plan on MyLab, which offers practice questions which will help you master the material and concepts needed for the quizzes and the exams. Additional practice problems are also available on Brightspace.

## Important Dates:

|            |   |
|------------|---|
| January 20 | Last day to add winter term courses<br>Last day for late registration   |
| February 6 | Last day to drop winter term courses with no financial implications<br>Last day to change winter term courses from audit to credit (and vice versa) |
| March 13   | Last day to drop winter term courses without a “W”<br>Last day to drop winter term 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 assignments:** Considering you have one week to complete each of the assignments, and that your lowest three assignment marks will be dropped, I will not accept any excuses for missed or late assignment submissions. I do not accept the Student Declaration of Absence form for missed assignments. **No make-up quizzes will be offered under any circumstances.**

**Missed quizzes:** Considering you have 36 hours to complete each of the quizzes, and that your lowest three quiz marks will be dropped, I will not accept any excuses for missed or late quiz submissions. I do not accept the Student Declaration of Absence form for missed quizzes. **No make-up quizzes will be offered under any circumstances.**

**Missed exams:** If a student misses an exam for a valid reason, as defined in Section 16.8 of the University Calendar, the student will be required to write a makeup exam *in May, 2023*. **Relevant supporting documentation is required.** Note: The makeup exam **will be cumulative**, covering material from the entire semester.

**Online access:** When connecting to online resources, you are responsible for observing any applicable laws of the country you are connecting from. You are also responsible for establishing whether you have access to all course material as soon as the term begins and before the add/drop date of January, 2023.

**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 our best to respond to email within 24 hours on a weekday, 48 hours on a weekend, according to the following policy:

- 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.
- I will not 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.

## Course Schedule:

| Week | Date       | Topics, Readings, and Deliverables      |
|------|------------|---|
| 1.   | January 9  | Introductory class sessions             |
| 2.   | January 16 | Chapter 1: Economic Issues and Concepts |

- Read: *Macroeconomics*, Chapter 1.  
Submit: Assignment 1 (Chapter 1), due Sunday, January 22, 11:59 p.m.
3. January 23  
Chapter 4: What Macroeconomics is All About  
Read: *Macroeconomics*, Chapter 4.  
Submit: Quiz 1 (Chapter 1), due Monday, January 23, 11:59 p.m.  
Submit: Assignment 2 (Chapter 4), due Sunday, January 29, 11:59 p.m.
  4. January 30  
Chapter 5: The Measurement of National Income  
Read: *Macroeconomics*, Chapter 5.  
Submit: Quiz 2 (Chapter 4), due Monday, January 30, 11:59 p.m.  
Submit: Assignment 3 (Chapter 5), due Sunday, February 5, 11:59 p.m.
  5. February 6  
Chapter 6: The Simplest Short-Run Macro Model  
Read: *Macroeconomics*, Chapter 6.  
Submit: Quiz 3 (Chapter 5), due Monday, February 6, 11:59 p.m.  
Submit: Assignment 4 (Chapter 6), due Sunday, February 12, 11:59 p.m.
  6. February 13  
Chapter 7: Adding Government and Trade to the Simple Macro Model  
Read: *Macroeconomics*, Chapter 7.  
Submit: Quiz 4 (Chapter 6), due Monday, February 13, 11:59 p.m.  
Submit: Assignment 5 (Chapter 7), due Sunday, February 19, 11:59 p.m.
  7. February 20  
Winter Study Break
  8. February 27  
Chapter 8: Output and Prices in the Short Run  
Read: *Macroeconomics*, Chapter 8.  
Submit: Exam 1 (Chapters 1, 4-7), due Monday, February 27 at 8:30 a.m. or 2:00 p.m.  
Submit: Assignment 6 (Chapter 8), due Sunday, March 5, 11:59 p.m.
  9. March 6  
Chapter 9: From the Short Run to the Long Run: The Adjustment of Factor Prices  
Read: *Macroeconomics*, Chapter 9.  
Submit: Quiz 5 (Chapter 8), due Monday, March 6, 11:59 p.m.  
Submit: Assignment 7 (Chapter 9), due Sunday, March 12, 11:59 p.m.
  10. March 13  
Chapter 10: Long-Run Economic Growth  
Read: *Macroeconomics*, Chapter 10.  
Submit: Quiz 6 (Chapter 9), due Monday, March 13, 11:59 p.m.  
Submit: Assignment 8 (Chapter 10), due Sunday, March 19, 11:59 p.m.
  11. March 20  
Chapter 11: Money and Banking  
Read: *Macroeconomics*, Chapter 11.  
Submit: Quiz 7 (Chapter 10), due Monday, March 20, 11:59 p.m.  
Submit: Assignment 9 (Chapter 11), due Sunday, March 26, 11:59 p.m.
  12. March 27  
Chapter 12: Money, Interest Rates, and Economic Activity  
Read: *Macroeconomics*, Chapter 12.  
Submit: Quiz 8 (Chapter 11), due Monday, March 27, 11:59 p.m.  
Submit: Assignment 10 (Chapter 12), due Sunday, April 2, 11:59 p.m.
  13. April 3  
Chapter 13: Monetary Policy in Canada  
Read: *Macroeconomics*, Chapter 13.  
Submit: Quiz 9 (Chapter 12), due Monday, April 3, 11:59 p.m.  
Submit: Assignment 11 (Chapter 13), due Sunday, April 9, 11:59 p.m.
  14. April 10  
Last Day of classes: Tuesday, April 11 (Friday classes will be held both Monday and

Tuesday).

Submit: Quiz 10 (Chapter 13), due Monday, April 10. 11:59 p.m.

Exam period

Submit: Final Exam (date and time to be set by Registrar's Office)

## **Deliverable Due Dates**

### **Assignments**

|               |  |
|---------------|--|
| Assignment 1  | Sunday, January 22, 11:59 p.m.: Chapter 1  |
| Assignment 2  | Sunday, January 29, 11:59 p.m.: Chapter 4  |
| Assignment 3  | Sunday, February 5, 11:59 p.m.: Chapter 5  |
| Assignment 4  | Sunday, February 12, 11:59 p.m.: Chapter 6 |
| Assignment 5  | Sunday, February 19, 11:59 p.m.: Chapter 7 |
| Assignment 6  | Sunday, March 5, 11:59 p.m.: Chapter 8     |
| Assignment 7  | Sunday, March 12, 11:59 p.m.: Chapter 9    |
| Assignment 8  | Sunday, March 19, 11:59 p.m.: Chapter 10   |
| Assignment 9  | Sunday, March 26, 11:59 p.m.: Chapter 11   |
| Assignment 10 | Sunday, April 2, 11:59 p.m.: Chapter 12    |
| Assignment 11 | Sunday, April 9, 11:59 p.m.: Chapter 13    |

### **Quizzes**

|         |  |
|---------|--|
| Quiz 1  | Monday, January 23, 11:59 p.m.: Chapter 1  |
| Quiz 2  | Monday, January 30, 11:59 p.m.: Chapter 4  |
| Quiz 3  | Monday, February 6, 11:59 p.m.: Chapter 5  |
| Quiz 4  | Monday, February 13, 11:59 p.m.: Chapter 6 |
| Quiz 5  | Monday, March 6, 11:59 p.m.: Chapter 8     |
| Quiz 6  | Monday, March 13, 11:59 p.m.: Chapter 9    |
| Quiz 7  | Monday, March 20, 11:59 p.m.: Chapter 10   |
| Quiz 8  | Monday, March 20, 11:59 p.m.: Chapter 11   |
| Quiz 9  | Monday, April 3, 11:59 p.m.: Chapter 12    |
| Quiz 10 | Monday, April 10, 11:59 p.m.: Chapter 13   |

### **Exams**

|            |  |
|------------|--|
| Exam 1     | Monday, February 27, 8:30 a.m. or 2:00 p.m.: Chapters 1, 4-7     |
| Final Exam | Scheduled by Registrar's Office during exam period (April 13-25) |

## University Policies and Statements

This course is governed by the academic rules and regulations set forth in the University Calendar and by Senate.

### Academic Integrity

At Dalhousie University, we are guided in all of our work by the values of academic integrity: honesty, trust, fairness, responsibility, and respect (The Center for Academic Integrity, Duke University, 1999). As a student, you are required to demonstrate these values in all of 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.

**Information:** [https://www.dal.ca/dept/university\\_secretariat/academic-integrity.html](https://www.dal.ca/dept/university_secretariat/academic-integrity.html)

### Accessibility

The Advising and Access Services Centre is Dalhousie's centre of expertise for student accessibility and accommodation. The advising team works with students who request accommodation as a result of a disability, religious obligation, or any barrier related to any other characteristic protected under Human Rights legislation (Canada and Nova Scotia).

**Information:** [https://www.dal.ca/campus\\_life/academic-support/accessibility.html](https://www.dal.ca/campus_life/academic-support/accessibility.html)

### 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.

**Code:** [https://www.dal.ca/dept/university\\_secretariat/policies/student-life/code-of-student-conduct.html](https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html)

### 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

**Statement:** <http://www.dal.ca/cultureofrespect.html>

### 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 (1321 Edward St) ([elders@dal.ca](mailto:elders@dal.ca)).

**Information:** [https://www.dal.ca/campus\\_life/communities/indigenous.html](https://www.dal.ca/campus_life/communities/indigenous.html)

### Important Dates in the Academic Year (including add/drop dates)

[https://www.dal.ca/academics/important\\_dates.html](https://www.dal.ca/academics/important_dates.html)

### University Grading Practices

[https://www.dal.ca/dept/university\\_secretariat/policies/academic/grading-practices-policy.html](https://www.dal.ca/dept/university_secretariat/policies/academic/grading-practices-policy.html)



## Student Resources and Support

### Advising

**General Advising** [https://www.dal.ca/campus\\_life/academic-support/advising.html](https://www.dal.ca/campus_life/academic-support/advising.html)

**Science Program Advisors:** <https://www.dal.ca/faculty/science/current-students/academic-advising.html>

**Indigenous Student Centre:** [https://www.dal.ca/campus\\_life/communities/indigenous.html](https://www.dal.ca/campus_life/communities/indigenous.html)

**Black Students Advising Centre:** [https://www.dal.ca/campus\\_life/communities/black-student-advising.html](https://www.dal.ca/campus_life/communities/black-student-advising.html)

**International Centre:** [https://www.dal.ca/campus\\_life/international-centre/current-students.html](https://www.dal.ca/campus_life/international-centre/current-students.html)

### Academic supports

**Library:** <https://libraries.dal.ca/>

**Writing Centre:** [https://www.dal.ca/campus\\_life/academic-support/writing-and-study-skills.html](https://www.dal.ca/campus_life/academic-support/writing-and-study-skills.html)

**Studying for Success:** [https://www.dal.ca/campus\\_life/academic-support/study-skills-and-tutoring.html](https://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html)

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

**Fair Dealing Guidelines** <https://libraries.dal.ca/services/copyright-office/fair-dealing.html>

### Other supports and services

**Student Health & Wellness Centre:** [https://www.dal.ca/campus\\_life/health-and-wellness/services-support/student-health-and-wellness.html](https://www.dal.ca/campus_life/health-and-wellness/services-support/student-health-and-wellness.html)

**Student Advocacy:** <https://dsu.ca/dsas>

**Ombudsperson:** [https://www.dal.ca/campus\\_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html](https://www.dal.ca/campus_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html)

### Safety

**Biosafety:** <https://www.dal.ca/dept/safety/programs-services/biosafety.html>

**Chemical Safety:** <https://www.dal.ca/dept/safety/programs-services/chemical-safety.html>

**Radiation Safety:** <https://www.dal.ca/dept/safety/programs-services/radiation-safety.html>

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

**Dalhousie COVID-19 information and updates:** <https://www.dal.ca/covid-19-information-and-updates.html>