

**INTERMEDIATE MACROECONOMIC THEORY and  
POLICY I – DISTANCE STUDIES  
ECONOMICS EC2152A-650**

Department of Economics  
Western University

**Instructor: Youjin Choi**

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### **Registration**

You are responsible for ensuring you are registered in the correct courses. If you are not registered in a course, the Department will not release any of your marks until your registration is corrected. You may check your timetable by using the Login on the Student Services website at <https://student.uwo.ca>. If you notice a problem, please contact your home Faculty Academic Counsellor immediately.

### **Prerequisite Note**

The prerequisite(s) for this course is (are) **Economics 1021A/B and 1022A/B, or Economics 2001A/B, and one of MCV4U, Mathematics 0110A/B, Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B or the former Calculus 1100A/B.**

You are responsible for ensuring that you have successfully completed all course prerequisites, and that you have not taken an anti-requisite course. Lack of pre-requisites may not be used as a basis for appeal. If you are found to be ineligible for a course, you may be removed from it at any time and you will receive no adjustment to your fees. This decision cannot be appealed.

If you find that you do not have the course prerequisites, it is in your best interest to drop the course well before the end of the add/drop period. Your prompt attention to this matter will not only help protect your academic record, but will ensure that spaces become available for students who require the course in question for graduation.

### **Course Objectives**

This course introduces modern macroeconomic theory at the intermediate level. The main objective of the course is to provide students an understanding of basic macroeconomic theory, problems, and policy issues. We develop micro-founded macroeconomic models to understand determination of the major aggregate variables such as national income, consumption, investment, employment, the real wage, the real interest rate and inflation. We will also discuss a wide range of topics such economic policies and economic growth.

## Course Learning Outcomes

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

1. Distinguish and apply three methods of national income accounting.
2. Describe business cycle phases and cyclicalities of key macroeconomic variables.
3. Understand the approach of micro-founded macroeconomics.
  - Develop both graphically and numerically the one-period and two-period models.
  - Derive consumer's optimal behaviour in deciding between consumption and saving, and between labor and leisure.
  - Derive firm's optimal behavior in deciding labor input and capital investment.
  - Develop and solve a competitive equilibrium in the one-period and two-period models.
4. Explain the demand of money and discuss monetary policies.
5. Be able to distinguish between the sources of growth and apply them into understandings of cross-country income differences.

### Textbook:

*Stephen D. Williamson, Macroeconomics, 4th Canadian Edition, Pearson Canada*

**Option 1:** *FULL REGULAR Edition*

**Option 2:** *Abridged CUSTOM Edition*

Both editions are available at the bookstore- the custom edition contains only chapters of the Williamson text relevant to ECON2152A, while the full regular edition contains these chapters and others. **Students taking or planning to take ECON2153B should purchase the Full edition**, while students *only* taking ECON2152A may consider the option of the custom edition.

It is **required** that students have access to the textbook. Although it is not required, it is **recommended** that students have the study guide as well. The textbook and study guide can be purchased at the campus bookstore. A copy of the textbook should be available in the reserve section of the Weldon library once the term begins.

### Evaluation:

The distribution of the marks is as follows:

Quiz:	10%
Assignment:	20%
Midterm exam:	30%
Final exam:	40%

The format of exams will be a mixture of short answer questions and multiple-choice questions.

The final exam is comprehensive. **The final exam** will take place during the final exam period **between August 2nd and 5th**, and the exact date is determined by the registrar.

Answers to assignments are required to be submitted through the owl website. Late assignments will not be accepted. No make-up for quizzes.

### Important Dates:

	Content	Deadline
Week 1 (May 09 – May 13)	Ch 1. Introduction	
Week 2 (May 16 – May 20)	Ch 2. Measurement 1	<b>Quiz 1</b>
Week 3 (May 23 – May 27)	Ch 3. Measurement 2	<b>Assignment 1 (Sat)</b>
Week 4 (May 30 – June 03)	Ch 4. Consumer and firm behaviour	<b>Quiz 2</b>
Week 5 (June 06 – June 10)	Ch 5. One-period model	
Week 6 (June 13 – June 17)	Review	<b>Assignment 2 (Wed)</b>
<b>June 18, Saturday</b>	<b>Midterm Exam</b>	
Week 7 (June 20 – June 24)	Ch 9. Two-period model	<b>Quiz 3</b>
Week 8 (June 27 – July 01)	Ch 10. Credit market	
Week 9 (July 04 – July 08)	Ch 11. Model with investment	<b>Assignment 3 (Sat)</b>
Week 10 (July 11– July 15)	Ch 12. Money	<b>Quiz 4</b>
Week 11 (July 18– July 22)	Ch 7. Economic Growth	
Week 12 (July 25 – July 29)	Review	<b>Assignment 4 (Wed)</b>
<b>Aug 02 – Aug 05</b>	<b>Final Exam - Cumulative</b>	

### Tentative Course Outline:

#### 1. Introduction and Measurement Issues

This section will cover basic definitions and the calculation of national income/output, as well as the major measures and attributes of the business cycle (Chapters 1, 2, 3).

#### 2. One-period Macroeconomic Model: Consumer and Firm behavior

This section introduces the micro-economic behaviour of a representative consumer and a representative firm. This topic makes up the starting point of our model (Chapter 4).

#### 3. One-period Macroeconomic Model

In this section, we build a complete one-period macroeconomic model, building on our knowledge of consumer and firm behavior from Chapter 4, and learn the idea of competitive equilibrium (Chapter 5).

#### 4. Saving and the Two-Period Model

In this section, we extend the time horizon of the representative consumer's problem to two periods and study optimal decisions on consumption and saving across time given an income flow (Chapter 9, 10).

#### 5. Two-period model of the Economy with Investment

This section introduces the representative firm and the government into a two-period model. Using a complete two-period model, we study how real aggregate output, consumption, investment, employment, the real wage, and the real interest rate are determined in macroeconomic equilibrium (Chapter 11).

#### 6. Money

This section introduces money into a two-period model and its relationship to economic activity (Chapter 12).

#### 7. Economic Growth

In this section, we study the key facts of the long run growth of the economy and the key macroeconomic models that have been used to explain these facts (Chapter 7).

**Please Note**  
Department Policies – Summer 2016

Remember that the University expects all students to take responsibility for their own academic programs. Also remember to check your registration to make sure you are enrolled in the correct courses.

1. Guidelines and policies for the Faculty of Social Science and the Department of Economics are posted online in the current Western Academic Calendar at <http://westerncalendar.uwo.ca>.
2. Students must familiarize themselves with the “Rules of Conduct for Examinations” <http://westerncalendar.uwo.ca/2016/pg136.html>.
3. **Cheating as an academic offence:** Students are responsible for understanding what it means to “cheat”. The Department of Economics treats cheating incidents very seriously and will investigate any suspect behaviour. Students found guilty will incur penalties that could include a failing grade or being barred from future registration in other economics courses or programs. The University may impose further penalties such as a notation on your official academic transcript, suspension or expulsion.
4. **Plagiarism:** Students must write their essays and assignments in their own words. Whenever students take an idea or a passage from another author, they must acknowledge it by using quotation marks where appropriate and referencing with footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy in the current UWO Academic Calendar at <http://westerncalendar.uwo.ca/2016/pg113.html>).

The University of Western Ontario uses software to check for plagiarism and students may be required to submit their written work in electronic form. Those found guilty will have penalties imposed as noted in point 3.

5. It is Department of Economics policy that **NO** assignments be dated, stamped or accepted by staff. Students are responsible for submitting assignments in class or to the instructor during office hours.
6. When appealing a mark, students should refer to the University’s Procedures in the current UWO Academic Calendar (<http://westerncalendar.uwo.ca/2016/pg112.html>). Please note the relevant deadlines.

The Department will not consider any appeal unless an attempt has been made to settle the matter first with your instructor. If after this discussion you remain dissatisfied with a grade or other decision, you may proceed with a written appeal (e-mails are not acceptable) to the Undergraduate Director in Economics, stating the reasons for your appeal. A useful form and checklist is provided at

[http://economics.uwo.ca/undergraduate/program\\_counselling/responsibilities\\_policies.html#appeals](http://economics.uwo.ca/undergraduate/program_counselling/responsibilities_policies.html#appeals)

7. Systematic adjustments of a class grade distribution (either up or down) can occur in Economics courses. The fact that grades have been adjusted is **not** grounds for an appeal.

8. Note the following add and drop deadlines:

Dates for **adding** courses in the summer:

Last day to <u>add</u> a Distance Studies Course	Monday, May 13, 2016
Last day to <u>add</u> an Intersession Course:	Tuesday, May 17, 2016
Last day to <u>add</u> a first term half course Summer Evening:	Friday, May 8, 2016
Last day to <u>add</u> a second term half course Summer Evening:	Friday, June 24, 2016

Dates for **dropping** Courses in the summer:

Last day to <u>drop</u> a Distance Studies Course	Monday, June 13, 2016
Last day to <u>drop</u> an Intersession Course	Monday, June 6, 2016
Last day to <u>drop</u> a first term half course Summer Evening:	Monday, June 6, 2016
Last day to <u>drop</u> a second term half course Summer Evening:	Friday, July 18, 2016

9. Faculty of Social Science policy states that oversleeping or misreading an exam schedule is not an excuse for a make-up. This rule applies to all mid-term tests and final exams in the Department of Economics.

### Policy Regarding Makeup Tests and Final Examinations

*Academic Accommodation will **not** be granted automatically on request. You **must** demonstrate by documentation that there are **compelling** medical or compassionate grounds before academic accommodation will be considered.*

If you decide to write a test or an examination, you must be prepared to accept the mark you earn. Rewriting tests or examinations, or having the value of the test or examination reweighted on a retroactive basis, is **not** permitted. Book airline flights after you know the dates of your final examinations. Airline flights must not conflict with test or final exams.

If you are requesting a makeup test for a midterm or a final examination, unless medically incapable, notify your instructor by email or phone, preferably prior to the scheduled date of the test, but definitely within **24 hours** of the date of the test or exam. Failure to follow this procedure may result in denial of a request for academic accommodation or result in a grade of zero. Set up an appointment as soon as possible to meet personally with your instructor. If the instructor is not available, you may send an email message, copying the Undergraduate Coordinator at [econugrd@uwo.ca](mailto:econugrd@uwo.ca) (Social Science Room 4075). **Notifying your instructor of a missed test or exam does not automatically entitle you to a makeup test.**

Students who seek a makeup test or examination must provide medical or other relevant verification that their absence from a regularly scheduled test or examination is beyond their control. Documentation must support your reasons. Medical documentation should be given to the Academic Counselling Office of your *home* Faculty **as soon as possible (preferably within 24 hours of the test)** if you know you may not be able to write your final examination on the scheduled day and time. Failure to follow this procedure, or to provide supporting documentation, may result in denial of a request for academic accommodation or result in a grade of zero. If your documentation is not acceptable, you will be given a zero for the missed test.

For personal illness, if you consult Student Health Services regarding your illness or personal problem, you should request a Student Medical Certificate from the physician. If you were seen by an off-campus

doctor, obtain a certificate from his/her office at the time of your visit. The off-campus medical certificate form must be used and can be found at: [http://www.uwo.ca/univsec/pdf/academic\\_policies/appeals/medicalform.pdf](http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf). Notes stating "For Medical Reasons" are not considered sufficient.

For any other circumstances, if you are not sure what documentation to provide, ask your Academic Counselor. If your documentation is judged sufficient, the academic counselor will issue a Recommendation for a Special Examination (a single form for midterms or a triple color form for final examinations). Once you have this form, contact your instructor ASAP to make arrangements. Even if approved from your home faculty Academic Counsellor, there is no guarantee that you will be allowed to write the makeup test and exam.

For final examinations, you need permission from your *home* Faculty Counsellor, your instructor, and the Department Chair. Failure to follow this procedure may result in an examination grade of zero. You must ensure that the Special Examination form has been signed by the instructor and Department Chair and that the form is returned to the Academic Counseling Office for approval without delay. Make-up final examinations, if permitted, will be written within one month of the end of the exam period.

### **Policies Regarding Academic Accommodation**

Information about the Faculty of Social Science's policies regarding academic accommodation is found on its website at <http://counselling.ssc.uwo.ca/procedures/havingproblems.asp> or in Social Science Room 2105. Your "Academic Rights and Responsibilities" are also outlined in the current UWO Calendar at <http://westerncalendar.uwo.ca/2016/pg111.html>. Claiming that "you didn't know what to do" is not an acceptable excuse for not following the stated procedures.

### **Policy Regarding Class Attendance**

If your instructor views your class attendance as unsatisfactory, you can be debarred from writing the final examination. If there is intent to make use of this University policy, you will be notified in writing.

### **Statement on Mental Health and Support Services**

If you or someone you know is experiencing emotional/mental distress, there are several resources here at Western to assist you. Please visit <http://www.uwo.ca/uwocom/mentalhealth/> for more information and a complete list of resources, as well as how to obtain help.