

**University of Waterloo**  
**Department of Economics**  
**Econ 207 -001**  
**Economic Growth and Development**  
**Spring 2022**  
**TTh 10:00am – 11:20am, AL 211**

**Instructor Information**

Instructor: Wokia Kumase

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Office Phone: 519 888 4567 ext. 30174

Office Hours: Tuesday 1:00pm – 2:30pm and by appointments

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**NOTE:**

- When sending an email, “Econ 207” 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.

**Cancellation of In-person Activities - Remote Delivery:**

- In the event that in-person activities are cancelled or suspended, we will continue with purely remote delivery of courses for the duration of suspension. There will be no change in schedule.
- Lectures will be conducted online following the regular lecture schedule and videos of recorded lectures will be posted on Learn.
- Midterms and final exams will be conducted via a drop box on Learn if public health guidance do not allow for in-person exams.

**Course Description**

This course reviews major economic questions relevant to the growth and development of nations. The essence of the course will be to highlight the disparities in growth and development standards between countries, thus, addressing the quintessential question of why some countries are richer than others or what makes some countries grow while others stagnate. The emphasis will be on features common to developing countries and the development process as well as understanding growth mechanisms or the absence thereof that have hindered their development.

To that end, the course is divided into two parts. In the first part, the concept of development will be reviewed and thereafter, macroeconomic analysis will be used to explore development related issues in developing countries. In part two, the focus will be on different growth theories and the key variables (factor accumulation, human capital, technology, efficiency). Other factors like the role of culture, geography, population growth, rule of law and history will be looked into.

## Course Goals and Learning Outcomes

The two main goals of the course are that by the end of the term, students should be able to make the distinction between economic growth and economic development and be capable of calculating and understanding the different measurement index for development. They will also be expected to be capable of explaining the different growth models and how the key variables of each model drives growth and development. An additional goal of this course is that students will also be expected to look at growth and development data, explore trends and be able to communicate their findings in short briefs.

## Recommended Text

- Todaro, P. Micheal and Stephen C. Smith, Economic Development, 12th Edition, Pearson Wesley Publishers Limited, 2013.

### Other Useful Textbooks

Ray Debraj, Development Economics, Princeton University Press, 1998.

Meier, M. Gerald, Leading Issues in Development Economics, 8 th edition, 2005.

Perkins, H. Dwight, Steven Radelet, David, L. Lindauer & Steven, A. Block, Economics of Development, W.W. Norton & Company, 2013.

## Readings Available on LEARN

- Lecture overhead slides and/or additional course materials will be posted on the LEARN web site <http://learn.uwaterloo.ca>
- 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).
- The content of all exams will be announced in class and on LEARN

## Attendance Policy

An extraordinary degree of student participation is required for success in this course. You must be prepared to engage in critical discussions of theories in economic development and present critical viewpoints. Although it is not mandatory, attendance is highly recommended. Some of the materials covered in class will not be included in the lecture notes so it is strongly advised that students attend classes regularly.

## Where to find this course outline:

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

- Department of Economics website <http://economics.uwaterloo.ca/courses>
- LEARN web site (requires UW userid and password) <http://learn.uwaterloo.ca>

## Course Outline

This is a tentative class schedule. Modifications and/or eliminations of certain content might be required given our limited time together. Any necessary modifications or eliminations to the course content will be communicated to you in the regular class period.

### Part I.

#### 1. Introduction:

- Measuring Economic growth
- What is economic development?
- Income, Poverty, Freedom Approach
- Measures and indicators of development

Recommended reading:

- Todaro, Chapters 1 and 2
- Debraj Ray Pg. 7 – 33, Development Economics.

#### 2. Theories of Economic Growth and Development

- Harrod-Domar model
- 2 sector model
- Solow growth model
- New growth theories

Recommended reading:

- Todaro, Chapters 3 and 4
- Debraj Ray Chapter 3\* and 4\*, Development Economics

### Part II

#### 3. Inequality and Economic Development

- Measuring inequalities – Gini, Lorenz curve / other measures of inequalities
- Inequality and growth - the inverted-U hypothesis (Kuznets)
- Measuring Poverty – Poverty Lines

Recommended reading:

- Debraj Ray Chapter 6 and 7
- Todaro: Chapter 5

#### **4. Population Growth and Economic Development**

- Population concepts (birth/death/growth rates)
- Population growth theories
- Cost and benefits of population growth

Recommended reading:

- Debraj Ray: Chapter 9
- Todaro: 6

#### **5. Trade and Economic Development**

- Comparative advantage
- Heckscher-Ohlin model
- Import and Export Substitution

Recommended reading:

- Debraj Ray: Chapter 16\*,17\*,18
- Todaro: Kapitel 12, 13

#### **6. Development/Foreign Aid**

- Theories of development Aid
- Bilateral and multilateral Aid
- Role and impact of development Aid

Recommended reading:

- Todaro: Chapter 15

#### **7. Agriculture and Development\*\***

- Todaro - Chapter 9
- Ray - Chapter 11

#### **8. The Environment and Development\*\***

- Todaro - Chapter 10

## Course Requirements and Assessment

The midterms will be written in the class period on the dates specified below and each midterm will be worth 15% of your final grade. The final exam, which will be scheduled by the registrar's office during the examination period from July 29-August 12, excluding Saturday July 30, will constitute 55% of your final grade and will be comprehensive (i.e., cover all course material from beginning to end).

Examinations in this course are based on the material contained in the assigned textbook readings and presented as lecture contents (which are strong complements, not substitutes).

Assessment	Date of Evaluation	Weighting
<b>Midterm I</b>	Thursday June 02, 10:00 - 11:20am	15%
<b>Midterm II</b>	Thursday June 23, 10:00 - 11:20am	15%
<b>Midterm III</b>	Thursday July 14, 10:00 - 11:20am	15%
<b>Final Exam</b>	TBA	55%
<b>Total</b>		<b>100%</b>

## Examination 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.

### *Missing a Midterm Due to Illness During the Term*

- Missing a midterm will automatically result in a grade of zero for that midterm. If the illness can be documented with a UW Verification of Illness Form (the only acceptable document), with approval you may transfer the weight of the missed midterm to the 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 Due to Illness*

- 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.**
- All deferred Final Exam requests for economics courses are administered by the Economics Undergraduate Office. Please consult the Deferred Exam Policy at
- <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 sections. Students writing exams in the wrong section are considered not writing exams at all and will receive a zero mark.

## **Fee-Arranged Issues**

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

## **Electronic Device Policy**

### THE CLASSROOM 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.

## **Attendance Policy**

- Class attendance is an integral part of your educational experience. While attendance is not a graded component of this course, it is an important component in ensuring your complete understanding of the material presented. You are responsible for all material presented in the scheduled lecture periods whether you choose to attend lectures or not.

## **Classroom Protocols**

- I do NOT lend my lecture notes to students for any reason.
- In order to maintain a productive learning environment in the classroom, we all need to show the highest level of courtesy and professional behaviour. In particular, please be punctual and turn off all audible ringers on all devices during class.
- As a courtesy to the custodial staff, if you have coffee, water, etc., please dispose of your garbage when you leave the classroom.
- Please leave your private conversations for after the class.

**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 community are expected to promote honesty, trust, fairness, respect and responsibility. See the [UWaterloo Academic Integrity Webpage \(https://uwaterloo.ca/academic-integrity/\)](https://uwaterloo.ca/academic-integrity/) and the [Arts Academic Integrity Office Webpage \(http://arts.uwaterloo.ca/current-undergraduates/academic-responsibility\)](http://arts.uwaterloo.ca/current-undergraduates/academic-responsibility) for more information.

**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 \(https://uwaterloo.ca/secretariat/policies-procedures-guidelines/policy-70\)](https://uwaterloo.ca/secretariat/policies-procedures-guidelines/policy-70). When in doubt please be certain to contact the department's administrative assistant who will provide further assistance.

**Discipline**

A student is expected to know what constitutes academic integrity to avoid committing academic offenses and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offense, or who needs help in learning how to avoid offenses (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. For information on categories of offenses and types of penalties, students should refer to [Policy 71, Student Discipline \(http://www.adm.uwaterloo.ca/infosec/Policies/policy71.htm\)](http://www.adm.uwaterloo.ca/infosec/Policies/policy71.htm). For typical penalties check [Guidelines for the Assessment of Penalties \(http://www.adm.uwaterloo.ca/infosec/guidelines/penaltyguidelines.htm\)](http://www.adm.uwaterloo.ca/infosec/guidelines/penaltyguidelines.htm).

**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 \(http://www.adm.uwaterloo.ca/infosec/Policies/policy72.htm\)](http://www.adm.uwaterloo.ca/infosec/Policies/policy72.htm).

**Note for Students with Disabilities**

The Office for Persons with Disabilities (OPD), located in Needles Hall, Room 1132, 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 OPD 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 support if they are needed.

### On Campus

**Due to COVID-19 and campus closures, services are available only online or by phone.**

- 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 the Waterloo Undergraduate Student Association (WUSA) and Counselling Services

### 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: 519-749-4300 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 on 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), Anishinaabe and Haudenosaunee peoples. The University of Waterloo is situated on the Haldimand Tract, the land promised to the Six Nations that includes ten kilometres on each side of the Grand River.

For more information about the purpose of territorial acknowledgements, please see the [CAUT Guide to Acknowledging Traditional Territory](#).