

ECON 402
MACROECONOMIC THEORY 3
Department of Economics
University of Waterloo
Winter 2017

Meetings

Lecture time: Tuesday and Thursday 11:30AM-12:50PM

Lecture location: RCH 308

Instructor information

Instructor: Francisco M. Gonzalez

Office: Hagey Hall 130

Office hours: Tuesday 14:00-15:30

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Course description

This is a fourth-year course in macroeconomic theory for honours economics students. Its main purpose is to provide students with the methodological principles that underlie modern analyses of the macro-economy, and to prepare students for graduate level macroeconomic theory courses.

Textbook

There is no required textbook for this course.

Evaluation

Student performance will be evaluated through a collection of assignments and three midterm exams, with the following weights:

Assignments: 20%

Midterm exam #1: 30%

Midterm exam #2: 25%

Midterm exam #3: 25%

Students are expected to work in groups (3-5 students per group) on all assignments. Detailed information about assignments will be provided in class. The midterm exams will be held on February 7, March 7 and March 30, respectively, and

they will take place in the class period and the room classes are held. Students are expected to write their midterm exams on the scheduled date. If a student misses a midterm exam and there are extenuating circumstances, a make-up test may be scheduled during the final examination period.

Course outline

The course is organized into three parts. The first part considers the principles of dynamic general equilibrium theory that underlie modern economic analyses of the macro-economy. The second part focuses on the equilibrium analysis of labor market outcomes. The third part discusses the implications of macroeconomic theory for government policy.

Part 1. Principles of dynamic general equilibrium theory

Part 2. Workers, jobs and wages

Autor, D.H., "The polarization of job opportunities in the U.S. labor market: implications for employment and earnings", Center of American Progress and The Hamilton Project, May 2010.

Autor, D.H. and M. Wasserman, "Wayward sons: the emerging gender gap in labor markets and education", Third Way, March 2013.

Part 3. Economic theory, evidence, and policy

Barro, R., "Notes on growth accounting", *Journal of Economic Growth*, June 1998, 119-137.

Auerbach, A.J., J. Gokhale and L.J. Kotlikoff, "Generational accounting: a meaningful way to evaluate fiscal policy", *Journal of Economic Perspectives*, Winter 1994, 73-94.

Alvaredo, F., A.B. Atkinson, T. Piketty and E. Saez, "The top 1 percent in international and historical perspective", *Journal of Economic Perspectives*, Summer 2013, 3-20.

Weekly schedule

1. Jan. 3, Jan. 5: general equilibrium
2. Jan. 10, Jan. 12: intertemporal choice
3. Jan. 17, Jan. 19: macroeconomic models with overlapping generations
4. Jan. 24, Jan. 26: economic growth
5. Jan. 31, Feb. 2: labor market outcomes
6. Feb. 7, Feb. 9:
 - Feb. 7: MIDTERM EXAM #1
 - Feb. 9: labor market outcomes (read Autor 2010)
7. Feb. 14, Feb. 16: macroeconomic models of the labor market (read Autor & Wasserman 2013)
8. Feb. 21, Feb. 23: STUDY DAYS
9. Feb. 28, March 2: growth accounting (read Barro 1998)
10. March 7, March 9:
 - March 7: MIDTERM EXAM #2
 - March 9: government spending, taxes and debt
11. March 14, March 16: social security
12. March 21, March 23: generational accounting (read Auerbach et al. 1994)
13. March 28, March 30:
 - March 28: income distribution (read Alvaredo et al. 2013)
 - March 30: MIDTERM EXAM #3

Statements and links to be included on all course outlines:

Economics Department Deferred Final Exam Policy

Deferred Final Exam Policy found at <https://uwaterloo.ca/economics/current-undergraduates/policies-and-resources/deferred-final-exam-policy>.

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.

Academic Integrity

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.

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](https://uwaterloo.ca/secretariat-general-counsel/policies-procedures-guidelines/policy-71) (https://uwaterloo.ca/secretariat-general-counsel/policies-procedures-guidelines/policy-71)

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](https://uwaterloo.ca/secretariat-general-counsel/policies-procedures-guidelines/policy-70) (https://uwaterloo.ca/secretariat-general-counsel/policies-procedures-guidelines/policy-70), Section 4.

Appeals: A student may appeal the finding and/or penalty in a decision made under Policy 70 - Student Petitions and Grievances (other than regarding a petition) or Policy 71 - Student Discipline if a ground for an appeal can be established. Read [Policy 72 - Student Appeals](https://uwaterloo.ca/secretariat-general-counsel/policies-procedures-guidelines/policy-72) (https://uwaterloo.ca/secretariat-general-counsel/policies-procedures-guidelines/policy-72).

Other sources of information for students:

[Academic Integrity website \(Arts\)](https://uwaterloo.ca/arts/current-undergraduates/student-support/ethical-behaviour)

https://uwaterloo.ca/arts/current-undergraduates/student-support/ethical-behaviour

[Academic Integrity Office \(UWaterloo\)](https://uwaterloo.ca/academic-integrity/)

https://uwaterloo.ca/academic-integrity/

Accommodation for Students with Disabilities

Note for students with disabilities: The [AccessAbility Services](https://uwaterloo.ca/disability-services) office (https://uwaterloo.ca/disability-services), located on the first floor of the Needles Hall extension (NH 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.

If you are using Turnitin in your course

Turnitin.com: Text matching software (Turnitin®) will be used to screen assignments in this course. This is being done to verify that use of all material and sources in assignments is documented. In the first week of the term, details will be provided about the arrangements for the use of Turnitin® in this course. (Note: students must be given a reasonable option if they do not want to have their assignment screened by Turnitin ®. See [guidelines for instructors](#) for more information.)