

## Economics 709 (Advanced Macroeconomic Theory I)

Instructor:	Kunio Tsuyuhara	Lecture Location:	SS 403
Phone:	220-6101	Lecture Days/Time:	MW 12:30-13:45
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Office:	SS 436		
Office Hours:	F 14:00-15:00	Fall 2017	

**Course Outline:** This course is the first half of the core courses in the Ph.D. macroeconomics sequence offered by the Department. Using the basic models of neoclassical growth theory as a guiding principle, the course introduces the basic structure of dynamic general equilibrium theory and rigorous dynamic optimization techniques. The materials covered in this course form a foundation of modern macroeconomic analysis. They also provide a strong background in dynamic economic analysis, which will be useful for your further study in other applied fields, such as environment, IO, labour, and trade. Furthermore, alongside of the theoretical analysis, students will learn some numerical applications of basic macro models.

**Textbooks:** The textbook that I most closely follow is:

- Acemoglu, D. 2008. *Introduction to Modern Economic Growth*. Princeton.

Some topics are selected from the following graduate level text books:

- Heer, B. and A. Maussner. 2009. *Dynamic General Equilibrium Modeling*. Springer.
- Ljungqvist, L. and T.J. Sargent. 2004. *Recursive Macroeconomic Theory*. MIT.
- Stokey, N.L., and R.E. Lucas. 1989. *Recursive Methods in Economic Dynamics*. Harvard

Other useful readings are suggested in class along the way.

**Important Dates:**

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|----------------------|-----------------------------------|
| - September 11 (Mon) | First lecture                     |
| - October 9 (Mon)    | Thanksgiving holiday (No lecture) |
| - October 13 (Fri)   | Midterm 1                         |
| - October 23 (Mon)   | No lecture                        |
| - November 10 (Fri)  | Midterm Break (No lecture)        |
| - November 13 (Mon)  | Midterm Break (No lecture)        |
| - November 15 (Wed)  | Midterm 2                         |
| - December 8 (Fri)   | Last lecture                      |

**Desire2Learn:** This course will make use of the Desire2Learn (D2L) platform. Please note that D2L features a class e-mail list that may be used to distribute course-related information. D2L sends e-mail only to your University of Calgary address.

**E-mail Policy:** To avoid confusion that is often created by email messages, I will not respond to any question sent by email regarding the course materials. Please come to the office hours for those questions.

**TA:** There will be weekly tutorials by the TA (schedule TBD), where students will have the opportunity to review questions from assignments and exams and to go over or ask other practice questions (brought by the students, not by the TA). Regular attendance is strongly encouraged. As my E-mail policy implies, TA will not respond to your email communication regarding the course materials. In addition, TA is not responsible for your question outside of the office hours and TA sessions. You are advised to refrain from asking the TA regarding the course materials outside of designated occasions.

**Grade Determination and Final Examination Details:** Student performance will be evaluated through a collection of problem sets (worth 10%), two midterms (30% each), and final exam (30%). Late work will not be accepted, and there will be no make-up or deferred midterm exams. The course grade is calculated using the weights indicated above and then converted to letter grades as follows.

A+	Outstanding
A	Excellent – superior performance showing comprehensive understanding of the subject matter
A-	Very good performance
B+	Good performance
B	Satisfactory performance
B-	Minimum pass for students in the Faculty of Graduate Studies
	All grades below “B-“ are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements. Individual programs may require a higher passing grade

- A passing grade on any particular component of the course is not required for a student to pass the course as a whole.
- Non-programmable calculators will not be allowed during the writing of tests or final examinations.
- There will be a department scheduled final examination, lasting 2 hours.
- Tests and exams will not involve multiple-choice questions.

**Absence from a Test/Exam:** THERE WILL BE NO MAKEUP OR DEFERRED QUIZZES under any circumstances, nor may the quizzes be written early. Students unable to write the quizzes because of documented illness, family emergency, religious observance, or university-sanctioned event will have the weight shifted to the final examination; otherwise a grade of zero will be assigned. If a student cannot write their final exam on the date assigned by the Department, they need to arrange for a deferred exam with the department.

**Reappraisal of Grades and Intellectual Honesty:**

- For reappraisal of graded term work, see Calendar 0.1  
<http://www.ucalgary.ca/pubs/calendar/grad/current/qs-o.html>
- For reappraisal of final grade, see Calendar 0.1. B  
<http://www.ucalgary.ca/pubs/calendar/grad/current/qs-o.html>
- Statement of Intellectual Dishonesty  
<http://www.ucalgary.ca/pubs/calendar/grad/current/qs-r.html>
- Plagiarism and Other Academic Misconduct  
<http://www.ucalgary.ca/pubs/calendar/grad/current/qs-r.html>

**Academic Accommodation:** Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit [www.ucalgary.ca/access/](http://www.ucalgary.ca/access/).

Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>

**Important Dates:**

Please check: <http://www.ucalgary.ca/pubs/calendar/grad/current/academic-schedule.html>

**Student Organizations:**

- Faculty of Grad Studies website: <http://grad.ucalgary.ca/home>
- Graduate Students Association: <http://gsa.ucalgary.ca/>
- Professional Development for Grad Students  
Workshops and resources can be found at <http://www.ucalgary.ca/mygradskills/>
- Economics Graduate Association: <http://econ.ucalgary.ca/ega/>

**Evacuation Assembly Point**

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom. The assembly point for this classroom is **Professional Faculties-Food Court**.

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2017/08/10