



## Department of Economics Course Outline

		<b>Term:</b>	Winter 2010
<b>Course:</b>	Economics 537 [Economic Growth]	<b>Section:</b>	01
<b>Time:</b>	TR 9:30- 10:45	<b>Place:</b>	SA 147 (subject to change)
<b>Instructor:</b>	M. Scott Taylor		
<b>Office:</b>	SS 428	<b>Telephone:</b>	403-220-8912
<b>Office Hours:</b>	Thursday 4:00 – 5:30	<b>E-mail:</b>	<a href="mailto:mstaylor@ucalgary.ca">mstaylor@ucalgary.ca</a>

### Textbook(s):

Charles Jones, *Introduction to Economic Growth 2<sup>nd</sup> Ed.*, W.W. Norton & Co. Inc. **(Required)**

### Book(s) on Reserve:

None

### Course Description:

This course will be devoted to the study of economic growth. The course will follow the required textbook, but I will add readings on occasion and will consider the subject in more depth than the book. In particular I will spend much more time on the relationship between growth and the environment, and my methods are probably more mathematical than those in the book. Calculus will be used freely throughout. All additional readings will be provided on Blackboard.

### Course Outline:

#### Order of Chapters/Topics From the 2<sup>nd</sup> Edition of Jones.

1. The Start of Growth theory: Malthus  
Miller chapter (not in Jones)  
Brander and Taylor (not in Jones)
2. The Stylized facts of Growth  
Jones (chapter 1)
3. The Solow Model  
Jones (chapter 2)

4. Empirical applications of the Neoclassical Model  
Jones (chapter 3)

5. Natural Resources, the Environment, and Growth  
Jones (chapter 9)

6. The Economics of Ideas  
Jones (chapter 4)

7. The Simplest Theory of Endogenous growth  
Jones (chapter 8)

8. Purposeful Innovation  
Jones (chapter 5)

9. Property rights and Social Infrastructure  
Jones (chapter 7)

10. Trade, Globalization and Growth  
Readings provided

### **Grade Determination and Final Examination Details:**

There will be three midterms, a series of almost weekly assignments, and no final. Each midterm is worth  $\frac{1}{4}$  of your final mark. The assignments in total are worth  $\frac{1}{4}$  of your final mark. The assignments will be given out on either a Tuesday or Thursday and will be due one week from the date. They will range from being simple data exercises – plot the real gdp and real gdp growth rate of China from 1950 to 2000; to analytical exercises solving models; to some work with data involving simple statistical analysis. Assignments are to be handed in at the start of class on the due date and are considered late otherwise. Late assignments receive a grade of zero. A passing mark on the Assignment portion of the course is a necessary condition for a pass in the course.

### **Dates for Midterms**

**Thursday Feb. 11<sup>th</sup>, March 11<sup>th</sup>, April 8<sup>th</sup>.**

I do not give make up exams. Missed exams count as zero. Sleeping late, absence for sickness without verification, etc. all count as zero. If there are exceptional circumstances that would not allow you to take one of the exams (you are on a space shuttle launch for eg.) you need to discuss this with me before.

**Notes:**

- Students seeking reappraisal of a piece of graded term work should discuss their work with the instructor within 15 days of work being returned to class; however, the earliest that grades will be discussed will be two days after the return of an assignment or examination.

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. **You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.**

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Society of Undergraduates in Economics (S.U.E.)

[www.ucalgary.ca/sue/](http://www.ucalgary.ca/sue/)

Safewalk / Campus Security: 403-220-5333  
Emergency Assembly Point – Social Science Food Court

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2009-12-16