

Department: Economics and Finance

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| Course Name: | Growth Economics | Course No.: | ECON 649 |
| Prerequisite: | N/A | Credit Hours: | 3 |

Brief Description:

This course aims to shed light on the different theories of economic growth, by analyzing the theories of historical development of economic growth such as classical theories, neoclassical theories, Keynes's theory, the analysis of the internal growth theories and the associated and interpreted models. The course focuses on the use of educational objectives that work to increase the relative weight of critical reflection and the ability to explain and analyze and constructive veto and comparison of many theories and models of economic growth to enrich the course and increase the intellectual and applied yield of the students.

Course Objectives:

After completion of this course the student will be able to:

- Explain the economic growth rate in different ways
- Identify the economic problems associated with economic growth
- Apply different standard models in calculating economic growth rates
- Analyze the sources of economic growth
- Measure the impact of technology on economic growth rates
- Compare the state of economic growth in the Kingdom and other countries
- Evaluate the economic policies associated and related to the economic growth

Course Topics:

- Introduction
- Classical Growth Models
- Neo-Classical Models
- Physical Capital
- Population and Economic Growth
- Future Population Trends
- Human Capital
- Measuring Productivity
- The role of Technology in Growth
- The Cutting Edge of Technology
- Efficiency
- Growth in the open economy
- Government
- Income Inequality
- Geography, Climate, And Natural Resources

Text Book:

- Friedman, Benjamin M. (2005). The moral consequences of economic growth, New York, USA: Knopf Doubleday Publishing.
- Weil, David N. (2005). Economic growth, New York, USA: Pearson.
- Barro, Robert J. and Sala-i-Martin, Xavier (2004). Economic growth (Second edition). Boston, USA: MIT Press.
- George, Donald A. R., Oxley, Les and Carlaw, Kenneth I. (2004). Surveys in economic growth: theory and empirics Oxford, UK: Blackwell.
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Additional References:

- Bertola, Giuseppe, Foellmi, Reto and Zweimuller, Josef (2006). Income distribution -in macroeconomic models. Princeton, USA: Princeton University Press

Online Resources:

- www.worldbank.org
- www.IMF.org
- [www.council of international economic growth](http://www.councilofinternationaleconomicgrowth.org)

Measurement & Assessment Tools:

| Objectives | | | Obj 1.1 &1.2 | Obj 2.2 | Obj 3.1 |
|---------------------|-------|--------------------|--------------|---------|---------|
| Assessment tools | Grade | Week (Time period) | 1 | 2 | 3 |
| Midterm test | 25 | 9 th | ✗ | | |
| Class work | 10 | 12 th | | | ✗ |
| Assignments | 15 | 15 th | | ✗ | |
| Final exam | 50 | As Dated | ✗ | | |
| Total | 100 | | | | |
| Extra credit | | | | | |
| Not Required | | | | | |

| Tentative Course Outline: | | | | |
|---------------------------|-------|---|----------|--|
| Week | Hours | Topics | Readings | |
| 1 | 3 | Introduction | | |
| 2 | 3 | Classical Growth Models | | |
| 3 | 3 | Neo-Classical Models | | |
| 4 | 3 | Physical Capital | | |
| 5 | 3 | Population and Economic Growth | | |
| 6 | 3 | Future Population Trends | | |
| 7 | 3 | Human Capital | | |
| 8 | 3 | Measuring Productivity | | |
| 9 | 3 | The role of Technology in Growth | | |
| 10 | 3 | The Cutting Edge of Technology | | |
| 11 | 3 | Efficiency | | |
| 12 | 3 | Growth in the open economy | | |
| 13 | 3 | Government | | |
| 14 | 3 | Income Inequality | | |
| 15 | 3 | Geography, Climate, And Natural Resources | | |
| 16 | 3 | Revision | | |

Approved by Dept. Chair:

Date of Approval:

Extra Information: (Updated every semester and filled by course instructor)

Course Instructor: Dr _____
Office No: _____
Extension: _____
Email: _____
Office Hours: _____