**Antalya Bilim University**

**School of Business and Social Sciences, Department of Economics**

**ECON 1405 – Economic Growth**

**Fall, 2021**

Class time& Place:

Office hours: Tuesday 12:30 – 13-30

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One of the puzzles in economics is to find a proper answer to the question of why some countries grow faster than the others. The purpose of the course is to survey the theoretical contributions to solve this puzzle. In this context, the course introduces the economic and mathematical foundations of modern growth theory and macroeconomics. Includes background on dynamic general equilibrium and dynamic optimization, the basic workhorse models of growth and frontier areas of growth theory, including models of human capital, endogenous technological change, technology transfer, international trade, economic development, and political economy.

After completing this course, students will be able to explain the main indicators to measure and rank welfare and economic growth. They can demonstrate how models of economic growth work, and understand the linkages between the macroeconomy, world economy, economic and national economic growth and development. They can also identify and discuss the factors affecting poverty, income inequality and economic performance, and critically assess the role governments and institutions play in promoting economic development and reducing poverty.

**Course Book:**

David N. Weil, (20113) *Economic Growth*, **3rd Edition**, Pearson.

**Recommended Additional Readings:**

Charles I. Jones, Dietrich Vollrath (2013). Introduction to Economic Growth, W. W. Norton & Co.

**Developing Graduate Attributes**

By undertaking the course activities and mastering the course contents, students will be encouraged to develop the following graduate attributes within the assessment tasks of the College of Business:

* skills involved in scholarly enquiry
* an in-depth engagement with the relevant disciplinary knowledge
* the capacity for analytical and critical thinking
* the ability to engage in independent and reflective learning

**Academic Honesty and Cheating**

Exams are closed books and closed notes. No books, records, cell phones or any other material may be used or consulted during the exams. ABU has a strict honour code to ensure the academic integrity. Any student caught cheating will receive a grade of F for the course, and student affairs will be notified to pursue further action.

**Assessment Criteria:**

* **Midterm (40%):** Students are responsible for all class material covered until the midterm exam.
* **Final Exam (60%)**: This exam is cumulative and will cover all units and topics studied throughout the course. However, the emphasis of the final exam will be on those topics covered after the midterm.

**Course Schedule**

WEEK 1: Introduction to the Course

WEEK 2: Empirical Facts to be Explained

WEEK 3: A Framework for Analysis

WEEK 4: Physical Capital

WEEK 5: Population

WEEK 6: Human Capital

WEEK 7: Measuring Productivity

WEEK 8: Midterm Exam

WEEK 9: Technology

WEEK 10: Efficiency

WEEK 11: Growth in Open Economy

WEEK 12: Income Inequality

WEEK 13: Geography, Climate, And Natural Resources

WEEK 14: Resources and The Environment at The Global Level