

## ECON 3479 - ECONOMIC GROWTH

**Instructor:** Dr. Alexander Vaninsky  
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**Office hours:** After class or by appointment.

**Textbook:** Weil, D. Economic Growth, 3/e, Pearson, 2013, ISBN: 978-0-321-79753-1  
Chapters: 1- 4, 6, 7, 10, 12, and 13

### COURSE OBJECTIVES

To develop understanding of the causes and consequences of economic growth examined through theory, data, and economic history; interactions between economic growth and population growth, technology, education, health and life expectancy, and social institutions; public policies to promote growth.

Prerequisites: ECON 2202; ENGL 1010 or 1011 or 3800.

### MAIN TOPICS

1. Differences in the level of income among and inside countries, and in the rate of income growth.
2. Principles of economic growth analysis.
3. Physical capital and its role in production. The Solow model. Relationship between investment and saving.
4. Population and economic growth.
5. Human capital.
6. Productivity and efficiency.
7. Fundamentals: government, income inequality, culture, natural resources.

### GRADING POLICY

**Participation** in classroom discussions and quizzes **50%**

**Tests** **50%**

There will be two tests. The higher is worth 70%, the lower, 30%.

**Final examination – Optional.** Overlaps the weighted grade, if is greater.

Grade Estimator allows for the approximation of the prospected grade for the course.

### Attendance policy

Lateness or absence in class for 30 min or more is considered as an absence; no credit for a current quiz will be given.