

Macroeconomics I

Tutorial I

Kristóf Gyódi

General Information

- Lectures and tutorials
 - Lectures: highly recommended and essential to pass the course
 - Tutorials: to help you with solving problems and understand the course (not to teach theory!)
- Length: 30 hours, every Tuesday
 - Whiteboard exercises and computer labs
 - Room A104 and Aula H (labs)

About me

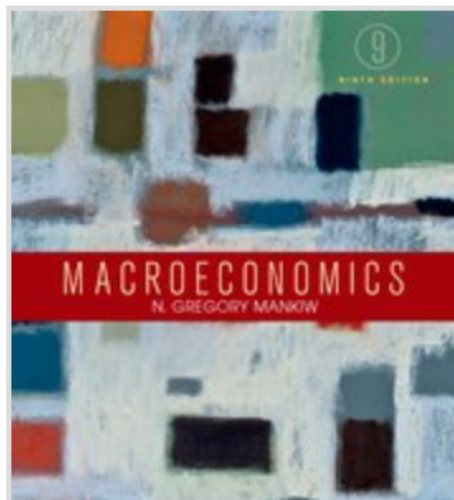
- Doctoral Candidate
- Area: Gig Economy, Online Platforms, Future of Internet
- Empirical research (data science)
- Office hours: at DELab UW
 - Thursdays 09:00-10:00
 - Please contact me first
 - BUW, 1st floor

Contact

- kgyodi@wne.uw.edu.pl
- Website: <https://kristofgy.github.io/macro101/>
- Class materials will be uploaded there

Compulsory reading!

- Mankiw: Macroeconomics (9th edition)
- Lectures and tutorials cover the book
- Read the relevant chapters before the tutorials (we will not cover theory)



Ninth Edition ©2016

Macroeconomics

N. Gregory Mankiw (*Harvard University*)

ISBN-10: 1-4641-8289-2; ISBN-13: 978-1-4641-8289-1; Format: Cloth Text, 688 pages

[Compare Prices](#) [Available with LaunchPad](#)

Rules of the course

- Final Grade= $0.7 * (\text{Exam Grade}) + 0.3 * (\text{Tutorial Grade})$
- Tutorial Grade:
 - Class tests (30%)
 - Project (30%)
 - Final test (30%)
 - Activity (10%)

Passing the tutorials

- 3 conditions:
 - Max 2 unjustified absences
 - >50% points altogether
 - >50% final test
- Examples:
- Passed:
 - Final result: 60/100, Final test: 70%
- Failed:
 - Final result: 60/100, final test: 45%

Tutorial Grade

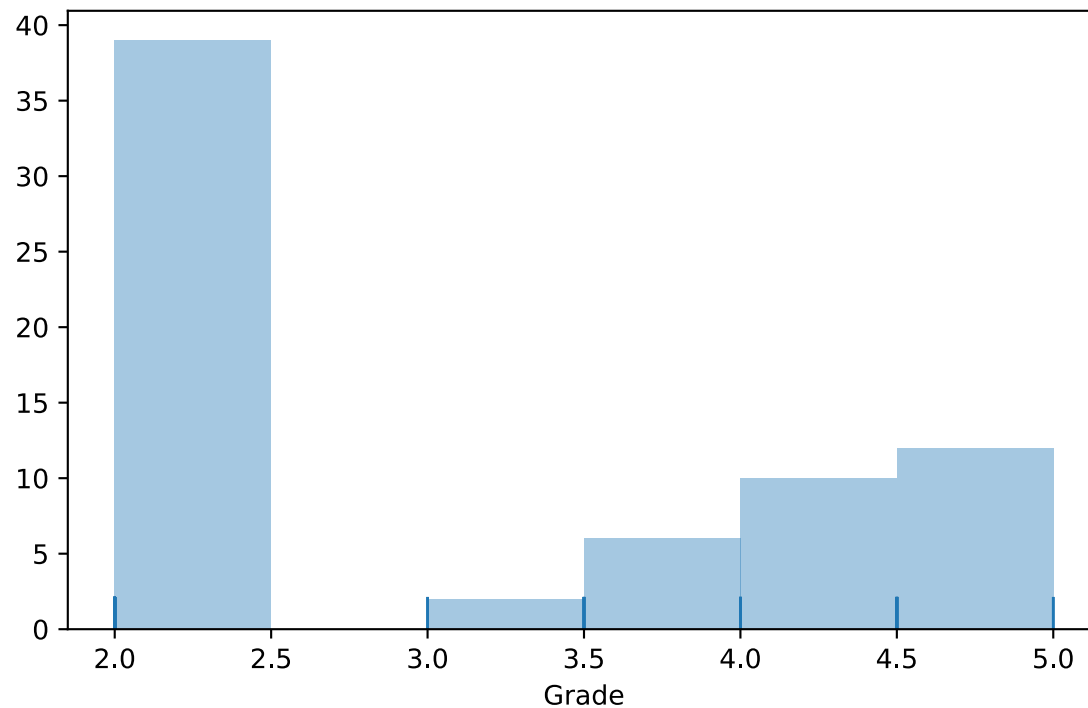
Final grade:

- > 90 points: 5
- 81-90 points: 4+
- 71-80 points: 4
- 61-70 points: 3+
- 51-60 points: 3
- **Minimum requirement to pass the class:**
More than 50% total points, passed final test (more than. 50%),
max. 2 unjustified absences
- **ZERO TOLERANCE FOR CHEATING**

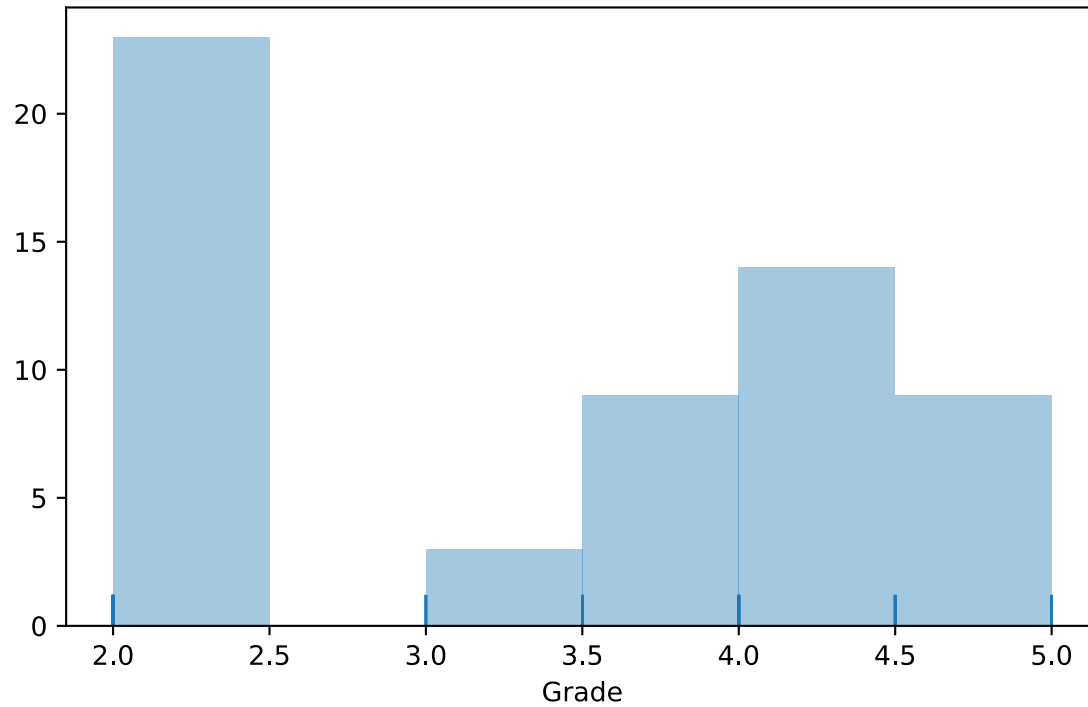
Resits

- If you fail the tutorial, you may resit the final test in September
- Resit grade: 30% project, 70% Final test
- (Or 30% Resit Final Test + Activity/Class Tests etc)

Tutorial grades 2018



Tutorial grades 2018



Project Assignment

- Based on the tutorials prepare an empirical analysis of a selected OECD country
- Aim: to present and explain economic processes using what you have learnt
- Details will be available on the website
- Contents:
 - Introduction: location, population, political system, importance in global economy
 - SNA: GDP, GNP, GDP per capita etc.
 - Labour Market
 - Inflation, Money Supply
 - Exchange Rates, Balance of Payments, International Trade
 - Conclusions

Team work

- Teams of maximum 3
- Empirical analysis with own graphs and figures prepared in Excel (Python, R is also welcome)
- Interpretation of the figures, not a description of data
- Comparison to other countries (e.g. EU28 average, OECD average, top and low performers) is suggested

Evaluation of the project

- Report (MS Word, LateX):
 - Formal requirements: tables and figures with appropriate titles and sources, bibliography
 - Creativity in selecting the information you analyse (various data available)
 - Text and graphical presentation
- Presentation at the end of the term
 - Presentation slides and style will be evaluated

OECD countries

- OECD.org
- 34 countries: all groups have to choose different countries in all 3 groups!
- A google sheet is available on the website
- Next class: deadline for final decision

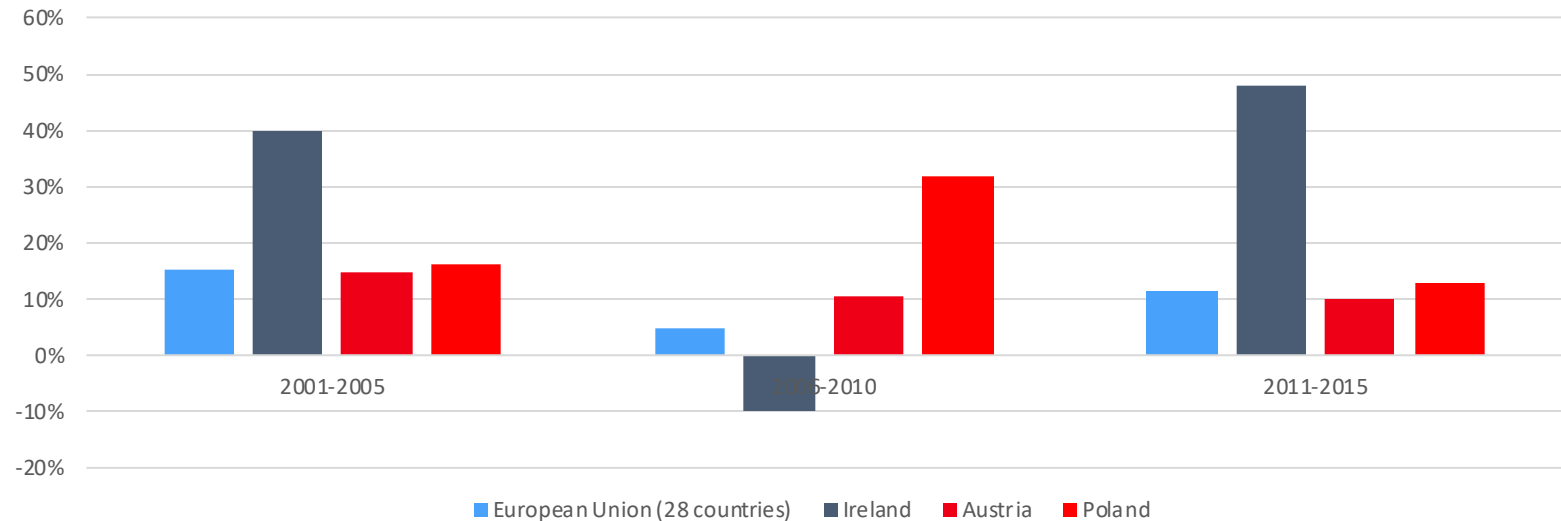
Macroeconomics

- Macroeconomics analyses the joint effects of economic agents' activities
- Not individual firms, households etc. (micro), but the aggregate level
- Analysis of public policy
- Models help us to explain reality: but assumptions are key factors
- Multiple models: different outcomes for the same problem

Databases

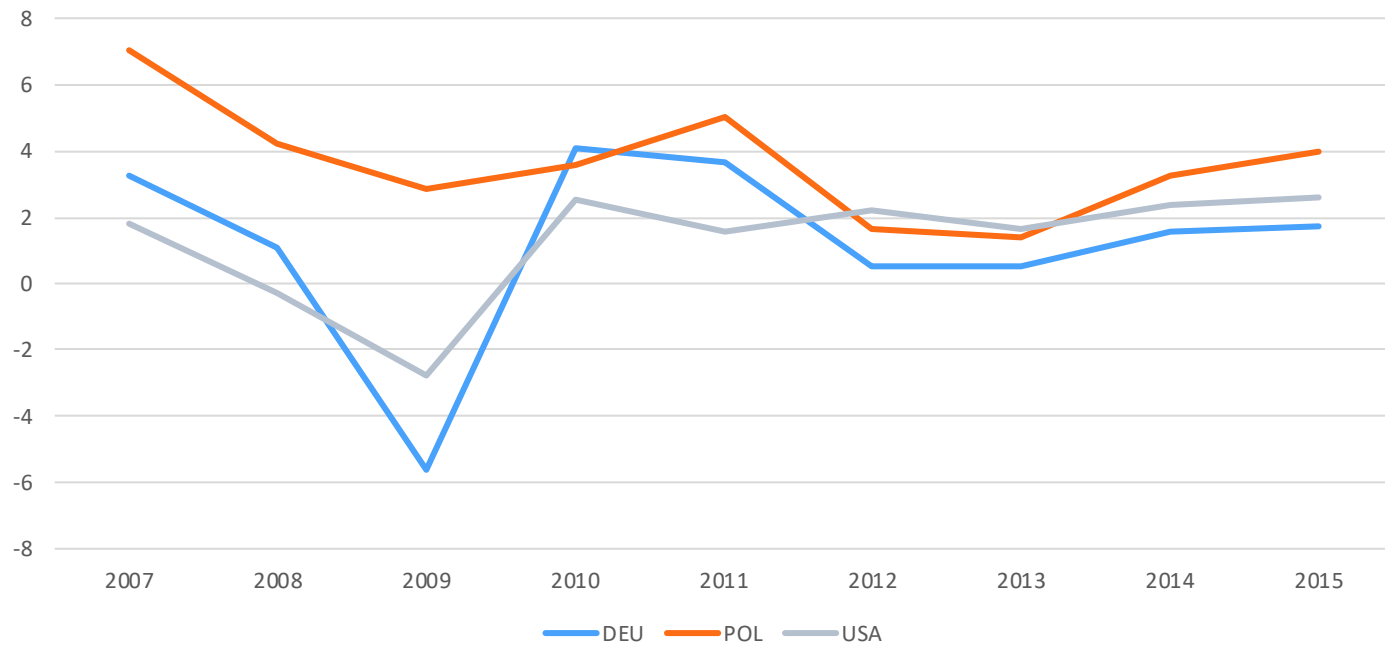
- Eurostat: <http://ec.europa.eu/eurostat>
- World Bank: <http://data.worldbank.org>
- OECD: <https://data.oecd.org>

- Example: % Change in GDP in different time periods



World Bank

■ Annual GDP Growth Rates



OECD

- Net trade flows, 2014 (mln USD)

