

ECON0057: Advanced Macroeconomic Theory

Thomas Lazarowicz

Tutorial 1

January 13, 2025

Practical Information

- This course:
 - 10 lectures
 - 9 problem sets
 - 10 Tutorials
 - Tutorial 1: Matlab Intro
 - Tutorials 2-10: Problem sets
- Office Hours: 10-11am on Fridays, room G13 in Drayton House
- Email: **thomas.lazarowicz.16@ucl.ac.uk**
 - More efficient if you drop me an email beforehand and let me know what you'd like to go over

Problem Sets

- The main purpose of the tutorials is to go over the problem sets
 - Problem sets are posted on moodle
 - Can be done in groups of up to 3 people
 - Submit by 12pm the day before the tutorial
 - Solutions must be sent to me by email in PDF - one submission per group
 - I cannot stress enough the benefit from doing these in advance and reviewing the solutions

Software

- To submit your **typed** problem sets, 3 main options
 - Word
 - LyX
 - LaTeX
- Resources on LyX and LaTeX on moodle
- Solutions to numerical questions will be done in Matlab
 - You are free to use other alternatives (Python, R, Julia ...) but tutorials and solutions will be solely in Matlab

Downloading Matlab

- Download Matlab from the UCL Software Database (<https://swdb.ucl.ac.uk>)
- Some (older) Matlab resources on the moodle page
- “Matlab Tutorial” probably the most useful.

Introduction to Matlab

- See file “matlab_intro.m”

Version Control (Bonus)

- Problem sets, solutions and code also available at:
<https://github.com/thomaslazarowicz/ECON0057>
- Not mandatory but is good practice to use version control
- Useful when working with coauthors and increasingly used in public and private sector economics jobs
- “Easiest” set up - VS code and Github
- <https://github-pages.ucl.ac.uk/git-novice/index.html>