

# ECON 3080-001 Intermediate Macroeconomics

University of Colorado Boulder  
Department of Economics  
Summer 2022

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<b>Instructor:</b>	Ge Song	<b>Time:</b>	MTWRF 12:30 PM { 3:30 PM
<b>Email:</b>	<a href="mailto:Ge.Song@Colorado.EDU">Ge.Song@Colorado.EDU</a>	<b>Place:</b>	GUGG 205
<b>Office:</b>	ECON 14	<b>Office Hours:</b>	MWF 3:30 PM { 4:30 PM

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**Course Pages:** <https://cuboulder.instructure.com/courses/83450>

The course syllabus, handouts, supplementary materials, and homework assignments will be posted on Canvas. Please check the course webpage frequently as I will be updating it with materials and assignments. You are responsible for checking the canvas webpage regularly to avoid missing any assignments or announcements.

**Office Hours:** MWF 3:30 PM { 4:30 PM, or by appointment.

**Course Description:** This is a one-semester theory course on intermediate macroeconomics. With the aid of quantitative instruments from a rich set of tool kit, the course aims to push up understanding of macro stylized facts as well as policy discussions to a more rigorous level. For purpose of teaching convenience, the course is dichotomized into classical theories of long-run growth and short-run fluctuation. The long-run part mainly deals with theoretical decipherment of empirical evidences that countries diverge, by income per capita or by other measures of individual well-beings, and cluster into different "clubs"; The short-run part, on the other hand, switches focus on business cycles, digging deeper by employing appropriate neoclassical models that might potentially do a good job in accounting for volatilities of key variables of interest. At the end of the day, the course is ambitious enough to touch upon one computational model, in addition with approaches to map the model to the real world data. Hopeful

How to collect and map macro data to a theoretical model?

How to make policy implications from theories, and how to be critical and just when commenting on policy discussions?

**Prerequisites:**

ECON 1000 or ECON 2020 or equivalent from another institution.

ECON 1078 and 1088, or MATH 1300, or MATH 1310, or MATH 1081, or MATH 1080, 1090 and



303-725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from myself and non-academic sanctions (including but not limited to university probation, suspension, or expulsion).

**RELIGIOUS OBSERVATION POLICY:** Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments, or required attendance. If you have a conflict, please make arrangements with me no later than the first week of the semester.

**CODE OF BEHAVIOR POLICY:** Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject to discipline.

**Tentative Course Outline:**

The weekly coverage might change as it depends on the progress of the class. However, you must keep up with the reading assignments.

Topics	Approximate dates	Reading Chapters
<b>I. Introduction to Macroeconomics</b>	May 9 <sup>th</sup>	Mankiw 1 & 2
<b>II. Classical Theory (the Long Run)</b>		
A. National Income	May 10 <sup>th</sup>	Mankiw 3
B. Money and Inflation	May 11 <sup>th</sup>	Mankiw 4 & 5
C. The Open Economy	May 12 <sup>th</sup> and May 13 <sup>th</sup>	Mankiw 6
<b>III. Growth Theory (the very Long Run)</b>		
A. Economic Growth I (Solow Model)	May 16 <sup>th</sup> and May 17 <sup>th</sup>	Mankiw 8
B. Economic Growth II (Endogenous Growth Model)	May 18 <sup>th</sup> and May 19 <sup>th</sup>	Mankiw 9
<b>Midterm (In Class)</b>	<b>Friday, May 20<sup>th</sup></b>	
<b>IV. Business Cycle Theory (the Short Run)</b>		
A. Economic Fluctuations	May 23 <sup>rd</sup>	Mankiw 10
B. Aggregate Demand I and II	May 24 <sup>th</sup>	Mankiw 11 & 12
C. Aggregate Supply and the Philips Curve	May 25 <sup>th</sup>	Mankiw 14
<b>Final Exam (12:30 - 3:00 PM)</b>	<b>Thursday, May 26<sup>th</sup></b>	

**Important Dates:**

*First Day of Class: May 9<sup>th</sup>*

**Midterm: Friday, May 20<sup>th</sup>, In Class**

*Last Day of Class: May 26<sup>th</sup>*

**Final Exam: Thursday, May 26<sup>th</sup>, 12:30 - 3:00 PM, in Class**