

# ECON 3080-001 Intermediate Macroeconomic Theory

Spring 2015

**Instructor:** Nan Xu

**Class Meetings:** MWF 10:00AM- 10:50AM

**Location:** MUEN E417

**Email:** [nan.xu@colorado.edu](mailto:nan.xu@colorado.edu)

**Office:** ECON 304

**Office Hours:** M 11:00 a.m.-1:00 p.m.

**Course Website:** <http://learn.colorado.edu> (Desire to Learn)

## Course Description

Macroeconomics examines aggregate economic activities. The principle level course in macroeconomics provides an introduction to classic macroeconomic issues such as GDP, unemployment, inflation and financial crisis. This intermediate level course is designed to expose students more formally to macroeconomic theories. The purpose of this course is to provide a framework for understanding macroeconomic performance over time. We will explore the determinants of long run growth and business fluctuations by building a set of models and analyze the impacts of monetary and fiscal policies on aggregate economic outcomes. The topics covered in this course include economic growth, employment, inflation, business cycle, stabilization policy, etc.

## Prerequisites

1. Economics prerequisites: ECON 1000 or 2020
2. Mathematics Prerequisites: ECON 1078 and 1088, or MATH 1300, or MATH 1310, or MATH 1081, or MATH 1080, 1090, and 1100, or APPM 1350, or equivalent.

## Required Textbook

Charles I. Jones (2011). *Macroeconomics* (2<sup>nd</sup> Edition), W. W. Norton & Company

See <http://www.stanford.edu/~chadj/macrobook.html> for details.

## Grading

Your course grade will be calculated as follows:

Midterm1: 20% - FridayG71 EMC /P ÅMCID 26BDCyud682 164.7830 0 0 1 18.1(i)7(l)-2(l)-2( (G)8(r)4(

Due to FERPA, we cannot discuss grades via email. If you have any questions about your grade, please come to see me during my office hours.

### Exams

All the exams will be held in the same classroom (MUEN E417). No make-up or early tests will be given. There is no excuse for missing the midterms unless there is a documented medical or family emergency or school related activities for which your attendance is mandatory. A signed letter of notification from a coach or the athletic department is required. In this case, the weight of the missed midterm will be transferred to the final. In al

graphing and mathematical derivations, so what you need to bring to class are just pens or pencils as well as paper.

### **Course Outline**

<b>Topics</b>	<b>Chapter</b>
	1&2
<b>An Overview of Long-run Growth</b>	3
<b>Production Model</b>	4
<b>Solow Growth Model</b>	5
<b>Romer Model</b>	6
<b>Labor Market</b>	7
<b>Inflation</b>	

### *Classroom 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. Faculty has the professional responsibility to treat all students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which they and their students express opinions.

Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender variance, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. See policies at <http://www.colorado.edu/policies/classbehavior.html> and at

[http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student\\_cod](http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_cod)

### *Honor Code*

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council ([honor@colorado.edu](mailto:honor@colorado.edu); 303-725-2273).