# ECON 3080-001 Intermediate Macro Theory Fall 2016 Syllabus

Lecture: MWF 11:00 - 11:50 am HLMS 241

Instructor: Jacob Kirsch

Office: ECON 401

Office Hours: T/TR 11:00 am - 12:30 pm Email: Jacob.Kirsch@colorado.edu

### **Course Content:**

In this course we will expand on topics discussed in principles of macroeconomics using a more mathematical approach. We will discuss various models for considering important macroeconomic topics such as unemployment, productivity, and long run growth. We will additionally discuss short run shocks to the Macro economy and how we might address these using the IS curve and the AS/AD model.

### Prerequisites:

Requires courses of ECON 1078 and 1088 or MATH 1081 or MATH 1300 or equivalent. Models and problems in this course will require knowledge of calculus. There will not be a formal review of calculus techniques. Please contact me immediately if you do not have the prerequisites for this course.

### Required Textbook:

Charles I. Jones (2014). Macroeconomics, W. W. Norton & Company, 3rd Edition.

#### Lectures:

I will use lecture time to discuss new material, go over examples, and work through practice problem sets in order to prepare for exams. You will be expected to participate by answering questions, by working in groups, or by working on the chalk board. All material that I discuss in lecture will be required knowledge for the exams. Please do not use any electronic devices for anything unrelated to this course. Anyone who is distracting or refuses to participate during lecture will be asked to leave. Attendance will be taken in the first week of class. Students who do not attend class every lecture during the first week will be administratively dropped. I will not distribute my lecture notes or repeat lectures to students who are unable to attend. It will be your responsibility to obtain notes from your classmates if you need to make up a lecture.

### Exams:

Midterm exams will be held in class during lecture time. There will be three midterm exams and a cumulative final exam. Your lowest midterm grade will be dropped and your two highest midterm grades will be worth 30% of your grade each. The final exam will be worth 40% of your grade and will not be dropped. *There will be no make up exams*.

Midterm 1: September 21<sup>st</sup> Midterm 2: October 19<sup>th</sup> Midterm 3: November 16<sup>th</sup>

Final Exam: December 14<sup>th</sup> 7:30 pm – 10:00 pm

## **Grading:**

Your final grade in this course will be determined by your midterm and final exam grades as follows:

Highest Midterm Grade: 30% 2<sup>nd</sup> Highest Midterm Grade: 30%

Final Exam Grade: 40%

I will assign you a letter grade which will include +/-. I will strictly adhere to the assignment of your letter grade based on your percentage grade in the class. This means I will not individually curve your grade to move it up a letter grade (e.g. an 89.9% will be a B+, I will not move it up to an A-). Please speak to me if you have concerns about your grade at any point in the semester.

Cheating will not be tolerated in this course. If you are caught cheating on an exam I will assign you a 0% in the course. I will then meet with the Associate Chair of Undergraduate Studies for the Economics Department, and we will report this to both the University and the Honor Council to decide upon further punishment, which could include expulsion from the University.

### Practice Problem Sets:

I will distribute practice problem sets throughout the semester. These problem sets should provide you with a guideline for what type of material I am going to include in the exams. Completing these problem sets before the exams will be extremely helpful. I suggest doing so early on in order to discover what material is giving you the most difficulty so that we might discuss it in lecture or in my office hours. I will not require you to complete these and I will not assign a grade for these problem sets.

# **Email/Office Hours:**

Contact me by emailing me or stopping by my office hours. Please allow 24 hours or over the weekend for an email response. I will be available during my office hours throughout the semester to discuss any material or concerns you may have regarding this course.

## Schedule:

Week	Dates	Topic	Chapter
1	8/22-8/26	Introduction and Math Review	Ch. 1-3
2	8/29-9/2	Production and Growth	Ch. 3-4
3	9/7-9/9	Solow Model (no class 9/5)	Ch. 5
4	9/12-9/16	Romer Model	Ch. 6
5	9/19-9/23	Midterm 1 Wed. 9/21	-
6	9/26-9/30	Labor	Ch. 7
7	10/3-10/7	Inflation	Ch. 8
8	10/10-10/14	Introduction to the Short Run	Ch. 9-10
9	10/17-10/21	Midterm 2 Wed. 10/19	-
10	10/24-1028	The IS Curve	Ch. 11
11	10/31-11/4	Monetary Policy	Ch. 12
12	11/7-11/11	AS/AD Model	Ch. 13-14
13	11/14-11/18	Midterm 3 Wed. 11/16	-
14	11/21-11/25	Fall Break	-
15	11/28-12/2	Consumption	Ch. 16
16	12/5-12/9	Investment	Ch. 17
17	12/12-12/16	Final 12/14 7:30 pm	-

### **University Policies:**

#### **Students with Disabilities**

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200, and http://www.Colorado.EDU/disabilityservices. If you have a temporary medical condition or injury, see guidelines at http://www.colorado.edu/disabilityservices/go.cgi?select=temporary.html.

Disability Services' letters for students with disabilities indicate legally mandated reasonable accommodations. The syllabus statements and answers to Frequently Asked Questions can be found at http://www.colorado.edu/disabilityservices.

### **Religious Observance Policy**

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, if you have a conflict, please contact me at the beginning of the term so we can make the proper arrangements. See full details at http://www.colorado.edu/policies/fac relig.html.

### **Classroom Behavior Policy**

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity, and gender expression, age, disability, and nationalities. 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 code.

### **Discrimination and Harassment Policy**

The University of Colorado at Boulder Discrimination and Harassment Policy and Procedures, the University of Colorado Sexual Harassment Policy and Procedures, and the University of Colorado Conflict of Interest in Cases of Amorous Relationships Policy apply to all students, staff, and faculty. Any student, staff, or faculty member who believes s/he has been the subject of sexual harassment or discrimination or harassment based upon race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127, or the Office of Student Conduct (OSC) at 303-492-5550. Information about the ODH, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at http://www.colorado.edu/odh

#### **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; 303-735-2273). Students who are found to be in violation of the academic integrity policy will be subject to both non-academic sanctions (including but not limited to university probation, suspension, or expulsion) and will receive a failing grade for the course. Other information on the Honor Code can be found at http://www.colorado.edu/policies/honor.html and at http://www.colorado.edu/academics/honorcode/.