ECON 3080-005 Intermediate Macroeconomic Theory Spring 2016 Syllabus

Lecture: MW 3:00 PM - 4:15 PM, DUAN G2B47

Instructor: Bentley Clinton O ce hours: M 4:30 PM - 5:30 PM O ce: ECON 14 W 1:00 PM - 2:00 PM Email: bentley.clinton@colorado.edu and by appointment

Course Website

Accessed through D2L (learn.colorado.edu)

Course description

What the website says: Intermediate macroeconomics introduces theories of aggregate economic activity including the determination of income, employment, and prices; economic growth; and uctuations. Macroeconomic policies are explored in both closed and open economy models. ECON 3070 and 3080 may be taken in any order; there is no recommended sequence.

Prerequisites: i) ECON 1000 or 2020; and ii) either ECON 1078 and 1088, or MATH 1300, or MATH 1310, or MATH 1081, or MATH 1080, 1090, and 1100, or APPM 1350, or equivalent.

What I say: Where microeconomics focuses on individual markets and consumer behavior, macroeconomics is a eld that studies the economy as a whole. At this level, economists develop models to better understand the behavior of the aggregate economy in the long and short run. For the models that will be presented in this class, the main players are consumers, rms, and governments. My objective for the course is to introduce you some of the theoretical models used by macroeconomists. I will also provide you with some real-world context and we will discuss the advantages and disadvantages of our theoretical models. I hope you will leave this course with a better understanding of how economists model the macroeconomy, as well as the ability to engage in informed conversation about macroeconomic issues with others, regardless of their knowledge of economic theory.

The models covered in this course require calculus and algebra. Some common tools will be discussed

Tentative Schedule

| Week | Topic | Chapter(s) | Description |
|------|------------------------------------|------------|---|
| 1 | Introduction | 1-2 | The long run: Macroeconomists are interested in studying long-run trends in the economy. We will examine some fundamental theoretical models, focused primarily on explaining growth trends of long-run output. |
| 2 | Production and Growth | 3-4 | |
| 3 | Solow Model | 5 | |
| 4 | Romer Model | 6 | |
| 5 | Labor | 7 | |
| 6 | In ation | 8 | |
| 7 | Short Run | 9 | The short run: Theoretical models of short- run economic uctuations will be studied. We will use these models as a tool to under- stand the actions of economic policymakers. |
| 8 | IS Curve | 11 | |
| 9 | Monetary Policy and Phillips Curve | 12 | |
| 10 | Stabilization and AS-AD Model | 13 | |
| 11 | SPRING BREAK | - | |
| 12 | Consumption | 16 | Other models: Theory related to the neoclassical consumption model, arbitrage, government budget decisions, and trade will reinforce and expand concepts presented earlier in the course. |
| 13 | Investment | 17 | |
| 14 | Government | 18 | |
| 15 | | • | |

Additional Information

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 academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). 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/.

Discrimination and Harassment

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 Con ict of Interest in Cases of Amorous Relationships Policy apply to all students, sta , and faculty. Any student, sta , 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 O ce of Discrimination and Harassment (ODH) at 303-492-2127, or the O ce 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.

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 di erences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity, and gender expression, age, disability, 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/studenta airs/judiciala airs/code.html#student_code.

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 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 e ort to deal reasonably and fairly with all students who, because of religious obligations, have con icts with scheduled exams, assignments or required attendance. If you have a con ict, please contact me at the beginning of the term so that we can make proper arrangements. See full details at http://www.colorado.edu/policies/fac_relig.html.