COURSE INFORMATION

Intermediate Macroeconomic Theory - Advanced Treatment
ECON 312 001 ( 3 Credits )
2020 Spring (1204) [1204]

Description
A mathematical approach to the principles and theories of national income determination, analysis of savings, consumption, investment and other aggregates in the national and international economy and relation to employment, inflation, and stabilization. Enroll Info: None

Prerequisite(s)
(MATH 222 or 276) and (ECON 101 and 102) or ECON 111. Not open to students who have credit for ECON 302

Breadths
S - Social Science

Instruction Mode
Classroom Instruction

Section Level Com B
False

Department: ECONOMICS
College: Letters and Science

Canvas Course URL
https://canvas.wisc.edu/

2020 Spring (1204) [1204]
Term Start Date: Tuesday, 21-Jan-2020  Term End Date: Monday, 1-Jun-2020

Location and Schedule: Ingraham Hall 223 TR 11:00 AM-12:15 PM
CRN: 296005571

How the Credit Hours are Met
This class meets for two 75-minute class periods each week over the semester and carries the expectation that students will work on course learning activities (reading, writing, problem sets, studying, etc) for about 3 hours out of classroom for every class period. The syllabus includes more information about meeting times and expectations for student work.

INSTRUCTORS AND TEACHING ASSISTANTS

Instructor
SIMEON ALDER
SIMEON.ALDER@WISC.EDU

Instructor Availability
Office hours for the course are held in SOC SCI 7137 on Tuesdays, 8:45 - 10:30am and 2:30 - 3:30pm, Thursdays, 10 - 10:45am, or by individual appointment, if necessary. You're highly encouraged to take advantage of office hours, especially if you have questions about the course material, review questions, assignments or exams.
If you plan to apply for graduate school and would like me to write a reference letter in the future, I will agree to do so only if you’re attending my office hours on a regular basis.

In addition to office hours, you can contact the course instructor by email. Emails will be answered within 48 hours.

If you communicate by email, treat it like a business letter rather than a text message! Emails that don’t meet the basic standards of professionalism will go unanswered. If you’re a little rusty on these standards, you may want to consult the Tips & Tools at the Writing Center of UNC Chapel Hill or the Netiquette Guidelines at the Wellesley College’s Project on Social Computing.

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### GRADING AND COURSE MATERIALS

#### Course Learning Outcomes (CLOs)

1. use disaggregated data to inform the construction of economic models and policy
   
2. critically evaluate economic models using publicly available data
   
3. use mathematical methods to characterize economic relationships
   
4. distinguish between short-run and long-run macroeconomic theories and their corresponding policy objectives
   
5. use numerical methods to solve and evaluate dynamic macroeconomic models
   
6. identify how international trade and capital flows affect the macroeconomy and macroeconomic policy

#### Grading

There will be two in-class midterm exams and one final exam.

There will be weekly homework assignments due on Mondays at 11:59pm, except during the two midterm exam weeks. The first assignment will be due on January 27.

Your course grade has three components:

1. The weekly assignments combined account for 40% of your grade. Late submissions incur a penalty of 10 percentage points (out of a 100 percent maximum) per hour.
2. The two midterm exams account for 15% each (total of 30%) of your grade.
3. Final final exam is worth 30% of your grade.

Your letter grade for the course will be based on the following percentage brackets:

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<tr>
<th>Letter Grade</th>
<th>Score Range</th>
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<tr>
<td>A</td>
<td>[90,100]</td>
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<tr>
<td>AB</td>
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<td>C</td>
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<td>D</td>
<td>[60,70)</td>
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I may adjust the cutoffs downward (but not upward). For instance, if you have a 89.5% score for the course, you will get a letter grade no worse than AB (but possibly better, if I lower the cutoff for an A grade below 90).

To request a regrade of an assignment or an exam, you must follow the regrade policy at http://www.ssc.wisc.edu/~munia/Undergraduate/Regrade%20Policy.pdf

The course grade is based on performance in the four components above only. There will be no opportunities to earn extra credit.

Required Textbook, Software, & Other Course Materials

The course’s textbook is Jones, Charles I., Macroeconomics, Fourth Edition, W.W. Norton & Company, 2017. You can choose between various hardcopy formats and an e-book. Both versions are available for purchase or rental at many online sellers (including Amazon) and at:


In addition, there will be supplementary reading assignments in the form of magazine articles (e.g., The Economist) and other news press items. I will make these available on the Canvas course website (either as PDF documents or by posting a hyperlink).

A "skeleton" version of the lecture slides will be available on Canvas the night before each lecture, usually by 10pm. Bring a copy of these slides (either electronically on your laptop / tablet computer or a hardcopy) to class as we will fill in the gaps and add important information over the course of the lecture. It is your responsibility to add the missing information to the posted slides. If you miss a lecture, ask a classmate for her or his notes.

EXAMS, QUIZZES, PAPERS & OTHER MAJOR GRADED WORK

Exams, Quizzes, Papers & Other Major Graded Work

There will be two in-class midterm exams and one final exam.

Midterm 1: Thursday, February 27, during lecture time.

Midterm 2: Thursday, April 2, during lecture time.

Final Exam: Thursday, May 7, 12:25 - 2:25pm (subject to change; check the registrar’s official course site for the most up-to-date day, time, and location)

There are no make-up exams for midterms. If you have an excused absence, the weight of the midterm exam is reallocated to the final exam. If you have an unexcused absence, your zero score will count toward your final grade according to the weighting scheme above (see "Grading").

A conflict exam date will be scheduled for students that have an exact time conflict with the ECON 302 final exam. Check the final exam dates and times for all your courses and contact the instructor as soon as possible if there is a conflict.

All exams are closed book and you don't need to bring a blue exam book. In addition, any electronic devices must be out of reach for the duration of the exam and you must bring a student ID or drivers' license to the final exam.

Homework & Other Assignments

There will be weekly homework assignments due on Mondays at 11:59pm, except the two Mondays following the midterm exams. The due date for the final assignment will be scheduled to avoid any overlap with reading and final exam days. The first assignment will be due on January 27. The assignments typically cover the material from the two lectures preceding the due date.

Please make sure to click the "submit" button before the submission deadline. Late submissions will be subject to a score penalty of 10 percentage points per hour.

OTHER COURSE INFORMATION

Other Course Information
Outline of Topics

**Topic 1:** Introduction to Macroeconomics & Measurement (Chapters 1 & 2)

**Topic 2:** Long-Term Growth and Development (Chapters 3-8)

- 2(a): Solow Growth Model
- 2(b): Economics of Ideas (Romer Model)

**Topic 3:** Business Cycles -- Recessions and Expansions (Chapters 9-15)

- 3(a): IS, MP, and Phillips Curves
- 3(b): AS / AD Model
- 3(c): Introduction to DSGE (Dynamic Stochastic General Equilibrium) Models or Consumption (only if time allows)

**Topic 4:** International Economics (Chapters 19-20)

- 4(a): Trade
- 4(b): Exchange Rates (only if time allows)

Career Advisor

If you would like to learn more about career and internship opportunities for economics students or discuss the career skills you learn as an economics major you are encouraged to meet with an economics career advisor by emailing econcareers@ssc.wisc.edu.

Academic Misconduct

Academic Integrity is critical to maintaining fair and knowledge based learning at UW Madison. Academic dishonesty is a serious violation: it undermines the bonds of trust and honesty between members of our academic community, degrades the value of your degree and defrauds those who may eventually depend upon your knowledge and integrity.

Examples of academic misconduct include, but are not limited to: cheating on an examination (copying from another student's paper, referring to materials on the exam other than those explicitly permitted, continuing to work on an exam after the time has expired, turning in an exam for regrading after making changes to the exam), copying the homework of someone else, submitting for credit work done by someone else, stealing examinations or course materials, tampering with the grade records or with another student's work, or knowingly and intentionally assisting another student in any of the above. Students are reminded that online sources, including anonymous or unattributed ones like Wikipedia, still need to be cited like any other source; and copying from any source without attribution is considered plagiarism.

The Department of Economics will deal with these offenses harshly following UWS14 procedures:

- The penalty for misconduct in most cases will be removal from the course and a failing grade.
- The department will inform the Dean of Students as required and additional sanctions may be applied.
- The department will keep an internal record of misconduct incidents. This information will be made available to teaching faculty writing recommendation letters and to admission offices of the School of Business and Engineering.

If you think you see incidents of misconduct, you should tell your instructor about them, in which case they will take appropriate action and protect your identity. You could also choose to contact our administrator Tammy Herbst-Koel (therbst@wisc.edu) and your identity will be kept confidential.

For more information, refer to [https://www.students.wisc.edu/doso/academic-integrity/](https://www.students.wisc.edu/doso/academic-integrity/).

Grievance Procedure

The Department of Economics has developed a grievance procedure through which you may register comments or complaints about a course, an instructor, or a teaching assistant. The Department continues to provide a course evaluation each semester in every class. If you wish to make anonymous complaints to an instructor or teaching assistant, the appropriate vehicle is the course evaluation. If you have a disagreement with an instructor or a teaching assistant, we strongly encourage you to try to resolve the dispute with him or her directly. The grievance procedure is designed for situations where neither of these channels is appropriate.

If you wish to file a grievance, you should go to room 7238 Social Science and request a Course Comment Sheet. When completing the comment sheet, you will need to provide a detailed statement that describes what aspects of the course you find unsatisfactory. You will need to sign the sheet and provide your student identification number, your address, and a phone where you can be reached. The Department plans to investigate comments fully and will respond in writing to complaints.
ACADEMIC INTEGRITY
By enrolling in this course, each student assumes the responsibilities of an active participant in UW-Madison’s community of scholars in which everyone’s academic work and behavior are held to the highest academic integrity standards. Academic misconduct compromises the integrity of the university. Cheating, fabrication, plagiarism, unauthorized collaboration, and helping others commit these acts are examples of academic misconduct, which can result in disciplinary action. This includes but is not limited to failure on the assignment/course, disciplinary probation, or suspension. Substantial or repeated cases of misconduct will be forwarded to the Office of Student Conduct & Community Standards for additional review.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES
McBurney Disability Resource Center syllabus statement: “The University of Wisconsin-Madison supports the right of all enrolled students to a full and equal educational opportunity. The Americans with Disabilities Act (ADA), Wisconsin State Statute (36.12), and UW-Madison policy (Faculty Document 1071) require that students with disabilities be reasonably accommodated in instruction and campus life. Reasonable accommodations for students with disabilities is a shared faculty and student responsibility. Students are expected to inform faculty [me] of their need for instructional accommodations by the end of the third week of the semester, or as soon as possible after a disability has been incurred or recognized. Faculty [I], will work either directly with the student [you] or in coordination with the McBurney Center to identify and provide reasonable instructional accommodations. Disability information, including instructional accommodations as part of a student's educational record, is confidential and protected under FERPA.”

DIVERSITY & INCLUSION
Institutional statement on diversity: “Diversity is a source of strength, creativity, and innovation for UW-Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals.

The University of Wisconsin-Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background – people who as students, faculty, and staff serve Wisconsin and the world.”

RELIGIOUS OBSERVANCES
UW faculty policy states that mandatory academic requirements should not be scheduled on days when religious observances may cause substantial numbers of students to be absent. Refer to the university’s Academic Calendar for specific information.