**ECO 313 BUSINESS CYCLES AND GROWTH**

**COURSE SYLLABUS**

|  |  |
| --- | --- |
| Course & Section | ECO 313-02 |
| Course Title | Business Cycles and Growth |
| Semester & Year | Winter 2023 |
| Course Meeting Days/Times | 4:00-5:15 pm, TR |
| Building & Room Number | SCB 2020 |
| Instructor | Kuhelika De, PhD Associate Professor, Economics |
| Instructor Office Hours | Office hours: By appointment |
| Email | dek@gvsu.edu |
| Phone | (616)-331-7460 |
| Office Location | 3072 SCB |

**Please Note**: Every effort has been made to outline the semester and course expectations as known. Given the unprecedented uncertainties caused by the COVID pandemic, we reserve the right to make adjustments as needed to the course syllabus in order to achieve the course outcomes.

**Course Description**

This is an intermediate course in macroeconomics. Topics include analysis of economic fluctuations and their impact on corporations and consumers; different explanations for business cycles; monetary and fiscal policy for stabilizing economic fluctuations; effects of public debt, investment, employment, and trade policy on economic growth. We will examine the theories that explain these things, and see practical applications of the theories.

**Course Objectives**

1. Analyze data:
2. Locate, interpret, and analyze macroeconomic data and information
3. Employ cost-benefit analysis:
4. Analyze issues related to fiscal and monetary policy
5. Explain the basic macroeconomic models used by policy makers
6. Utilize the models learned in class to understand different explanations for the business cycle

**Prerequisites**

ECO 200 or ECO 210 are prerequisites for this course. Calculus is not required for this course, but basic arithmetic and algebra are essential. MTH 110 or MTH 122 or MTH 201 is a prerequisite for ECO 200 and ECO 210. Thus, arithmetic and algebra are prerequisites for ECO 313. The level of the course presumes that you have a solid foundation in basic arithmetic and algebra, and good working knowledge of Microsoft Excel.

**Course Material**

The required textbook for this course is *Macroeconomics*, 10th edition by Abel, Bernanke, and Croushore. All students must have access to **MyEconLab** (the online assignment and assessment platform for Abel, Bernanke, and Croushore). All graded homework and exams will be assigned on MyEconLab. The required textbook with the details is provided below:

*Title: MyLab Economics with Pearson eText -- Access Card -- for Macroeconomics, 10th Edition*

*Author: Abel, Bernanke & Croushore*

*ISBN13: 9780135160510*

*Publisher: Pearson*

*Edition: 10/e, Publication Year: 2020*

**Course Website**

All study material will be uploaded on a weekly basis on the Blackboard course page. They include:

* Syllabus
* Lecture slides + Videos
* Lecture Notes
* Practice problem sets + Videos
* Study guide for exams
* Supplementary readings (such as macroeconomics in news)
* Assignment submission
* Information regarding your course grade

**Course Expectations**

I expect you to be on time during face-to-face class on Tuesday-Thursday. If you miss the class, it is your responsibility to obtain the information missed. Special accommodations will be made for extenuating circumstance/medical conditions. A week-by-week schedule is uploaded on BB. You are expected to:

1. Attend class face to face every Tuesday and Thursday
2. Read textbook chapter (pages assigned) beforehand and come prepared for class
3. Read the lecture notes
4. Practice the problem set (practice problems are not graded but good practice for homework)
5. Submit the graded homework on MYECONLAB. There will be a homework assigned for every topic on MYECONLAB. For every question on the homework there will be two attempts. It is your responsibility to keep track of due dates for homework on MYECONLAB. Usually, the due date will be the Friday, after the topic is completed

**Course Outline**

The course is split up into the following modules, using the chapters from Abel, Bernanke, and Croushore as a reference. Some topics may be added or dropped from this list as we go along.

MODULE I: INTRODUCTION AND MACROECONOMIC MEASUREMENT

Chapter 2 The Measurement and Structure of the National Economy

MODULE II: LONG-RUN ECONOMIC PERFORMANCE

Chapter 3 Productivity, Output, and Employment

Chapter 4 Consumption, Saving, and Investment

Chapter 7 The Asset Market, Money, and Prices

MODULE III: SHORT RUN ECONOMIC PERFORMANCE

Chapter 8 Business Cycles

Chapter 9 The IS–LM/AD–AS Model: A General Framework for Macroeconomic Analysis

Chapter 14 Monetary Policy and the Federal Reserve System

Chapter 15 Government Spending and Its Financing

MODULE IV: OPEN ECONOMY MACROECONOMICS

Chapter 13: Exchange Rates, Business Cycles, and Macroeconomic Policy in the Open Economy

**Student Conduct**

Please **DO NOT** use cell phones while I am teaching. I will mark you absent should I see you on your cell phone at any point in time while I am teaching in class. Special accommodations will be made for family/personal emergencies.

**Exams and Grading**

I will base the grading system on the following work

|  |  |  |
| --- | --- | --- |
| Assignment | Due Date | % of Grade |
| Homework for every topic (Online MYECONLAB) | MYECONLAB (Weekly, every Friday) | 20%  |
| Mid-Term I (Online MYECONLAB) | Thursday, February 9 | 20% |
| Mid-Term II (Online MYECONLAB) | Thursday, March 23 | 20% |
| Fed Challenge Presentations | Tuesday-ThursdayApril 18- April 20 | 20% |
| Cumulative Final Exam in class(MYECONLAB) | Tuesday, April 25, 4:00 pm - 5:50 pm | 20% |

I will assign grades for the class as follows:

|  |  |
| --- | --- |
| **Letter Grade** | **Range** |
| A | 93-100 |
| A- | 90-92.999 |
| B+ | 87-89.999 |
| B | 83-86.999 |
| B- | 80-82.999 |
| C+ | 77-79.999 |
| C | 73-76.999 |
| C- | 70-72.999 |
| D+ | 67-69.999 |
| D | 60-66.999 |
| F | 0-59.999 |

**Make-up Policy**

All students are expected to take the examinations on the scheduled date. Only university approved excuses, supported by official verifiable documentation, will be an acceptable reason for a student missing an exam. A student who misses an examination without notifying the instructor prior to the examination (and receiving the permission to miss the exam) will be assigned a grade of zero. There will be no make-up for mid-term exams. If a student misses a mid-term for an extenuating circumstance/medical condition supported by official verifiable documentation (for example a doctor’s note) then the weight of the missed mid-term will be added to the ﬁnal exam. Late homework and assignments will not be accepted or graded. All homework must be turned in when due and requested. Failure to turn in a homework/assignment on time will result in a score of zero for the homework/assignment.

**The Fed Challenge:** *The Fed Challenge* is designed to bring real-world macroeconomics into the classroom. The class will be divided into teams of 5. Teams will make presentations analyzing current macroeconomic conditions and formulating a monetary policy recommendation, modeling the Federal Open Market Committee. Presentations should consist of the following elements.

1. An analysis of current economic conditions (as of the day of the competition); these conditions may include broad macroeconomic conditions as well as conditions experienced in different geographic areas, in urban/rural areas, or among different demographic and socioeconomic groups (e.g., racial, and ethnic groups, age groups), borrowers and savers, etc.
2. A forecast of near-term macroeconomic conditions relevant to the formulation of monetary policy
3. A discussion of significant risks to the economy that should receive special attention in formulating monetary policy; these risks may include the possible effects (positive or negative) of monetary policies on different segments of the population
4. A monetary policy recommendation, encompassing both traditional tools and newer approaches as warranted; presenters should give supporting reasons for their recommendation.

More information and instructions about *The Fed Challenge* will be provided later in the semester.

**Disclaimer**

The instructor reserves the right to make modifications to the syllabus in the event of extenuating circumstances, by mutual agreement, and/or to ensure better student learning.

**Important Dates**

The dates for all exams are in this document. Unless I inform you otherwise, I will adhere to those dates.

**Winter 2023 Academic Calendar**

<https://www.gvsu.edu/registrar/academiccalendar.htm#255F44D4-A294-4C45-F1664CC6233097DC>

**GVSU Policies**

This course is subject to the policies listed at: <http://www.gvsu.edu/coursepolicies/>. Other noteworthy policies are listed below.

|  |  |
| --- | --- |
| Academic Integrity and Dishonesty:  | <https://www.gvsu.edu/osccr/avoiding-academic-misconduct-45.htm> |
| Commitment to Inclusion & Equity and University Anti-Harassment/Non-Discrimination Policy: | <https://www.gvsu.edu/affirmativeactionstatement.htm> |
| Face Covering Policy: | <https://www.gvsu.edu/lakerstogether/face-covering-policy-27.htm> |
| Incomplete Policy:  | <https://www.gvsu.edu/catalog/navigation/academic-policies-and-regulations.htm#anchor-1>(scroll down) |
| Religious Inclusion Policy:  | <https://www.gvsu.edu/policies/policy.htm?policyId=129535EB-9F42-2683-61E9033594C870D2> |
| Student Code: The Statement of Student Rights and Responsibilities  | <http://www.gvsu.edu/studentcode/> |
| Title IX Information: | <https://www.gvsu.edu/titleix/> |
| Withdrawal Policy:  | <https://www.gvsu.edu/sasc/academic-policies-procedures-146.htm> |

Additional Student Resources

|  |  |
| --- | --- |
| Disability Support Resources: | <https://www.gvsu.edu/dsr/> |
| Mental Health Support: |  |
| Mental health concerns, including overwhelming stress, excessive worry, difficulty participating in daily activities, and changes in mood, appetite, or sleep patterns can interfere with your academic performance.  College student surveys report that roughly 1 out of 3 students screen positive for a current mental health concern ([Healthy Minds Study](https://healthymindsnetwork.org/wp-content/uploads/2019/09/HMS_national-2018-19.pdf)). GVSU values your health and wellness and provides services to support your mental health. If you would like mental health support or are concerned for another member of our campus community, reach out to the [University Counseling Center](https://www.gvsu.edu/counsel) for free resources, self-help options, and services. Also, visit [Campus Recreation & Wellness](https://www.gvsu.edu/studentwellness/) for additional health and wellness programming. |
| Tutoring Resources:  |  |
| * Seidman Tutoring
 | <https://www.gvsu.edu/seidman/tutoring> |
| * GVSU Tutoring at the Student Academic Success Center
 | <http://www.gvsu.edu/tc/> |

**Seidman College Mission Statement**

*Seidman develops business talent that advances sustainable growth in West Michigan and the Great Lakes Region.*

*Through the exchange and application of knowledge from global and diverse perspectives, we prepare learners to make ethically-informed decisions that positively impact the economy, environment, and society.*

*Our distinctiveness is grounded in strong community collaborations, applied scholarly contributions, innovative approaches to learning, and a supportive culture.*