

# Principles of Macroeconomics (ECON 2301 9B.2)

## CREDIT

03 Semester Credit Hours (03 hours lecture, 00 hours lab)

## MODE OF INSTRUCTION

Online

## PREREQUISITE/CO-REQUISITE:

TSI Complete in Reading/English

## COURSE DESCRIPTION

An analysis of the economy as a whole, including measurement and determination of Aggregate Demand and Aggregate Supply, National Income, Inflation, and Unemployment. Other topics include International Trade, Economic Growth, Business Cycles, Fiscal Policy, and Monetary Policy.

## LEARNING OBJECTIVES

Upon completion of this course, the student will be able to

- Explain the role of Scarcity, Specialization, Opportunity Cost, and Cost-Benefit Analysis (CBA) in Economic Decision-Making.
- Identify the determinants of Supply and Demand; Demonstrate the impact of Shifts in both Market Supply and Market Demand Curves on Equilibrium Price and Equilibrium Output.
- Define and Measure National Income, Rates of Unemployment, and Rates of Inflation.
- Identify the phases of the Business Cycle and the problems caused by cyclical fluctuations in the Market Economy.
- Define Money and the Money Supply; Describe the process of Money Creation by the banking system and the role of the Central Bank.
- Construct the Aggregate Demand and Aggregate Supply (AD-AS) Model of the Macro-Economy and use the AD-AS Model to illustrate macroeconomic problems and potential Monetary and Fiscal Policy solutions.
- Explain the mechanics and institutions of International Trade and their impact on the Macro-Economy.
- Define Economic Growth and Identify sources of Economic Growth

## CORE OBJECTIVES

- Communication Skills: Students will demonstrate effective written, oral, and visual communication.
- Critical-Thinking Skills: Students will engage in creative and/or innovative thinking, and/or inquiry, analysis, evaluation, synthesis of information, organizing concepts, and constructing solutions.
- Empirical and Quantitative Skills: Students will demonstrate applications of scientific and mathematical concepts.
- Social Responsibility: Students will demonstrate inter-cultural competency and civic knowledge by engaging effectively in local, regional, and/or global communities.

Approved: Initials/date



**LAMAR INSTITUTE  
OF TECHNOLOGY**

## INSTRUCTOR CONTACT INFORMATION

Instructor: **Matthew Johnson**

Email: **mtjohnson@lit.edu**

Office Phone: **409.247.4982**

Office Location: **Technology Centre (TC), Suite 216**

Office Hours: **M/W/F: 1100-1500 ; T/Th: 1100-1330**

## REQUIRED TEXTBOOK AND MATERIALS

**Principles of Macroeconomics, 3e (OpenStax)**

**ISBN: 978-1-711471-47-1**

Digital PDF and Web-Access versions of the textbook are provided to students without charge through the Course Blackboard Portal.

## ATTENDANCE POLICY

Students are highly encouraged to log-in and access the course 2-3 times per week. Attendance is taken daily for face-to-face classes.

## DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

## COURSE CALENDAR

| DATE     | TOPIC      | READINGS<br>(Due on this Date) | ASSIGNMENTS<br>(Due on this Date) |
|----------|------------|--------------------------------|-----------------------------------|
| 08/22/23 | Syllabus   | Syllabus                       | Syllabus Test                     |
| 08/24/23 | Pre-Test   | N/A                            | Pre-Test                          |
| 08/25/23 | Chapter 01 | Chapter 01                     | Chapter 01 Quizlet Assignment     |
| 08/28/23 | Chapter 01 | Chapter 01                     | Chapter 01 Discussion Post        |
| 08/28/23 | Chapter 01 | Chapter 01                     | Chapter 01 Homework               |
| 08/30/23 | Chapter 02 | Chapter 02                     | Chapter 02 Quizlet Assignment     |
| 08/31/23 | Chapter 02 | Chapter 02                     | Chapter 02 Discussion Post        |
| 08/31/23 | Chapter 02 | Chapter 02                     | Chapter 02 Homework               |
| 09/03/23 | Chapter 03 | Chapter 03                     | Chapter 03 Quizlet Assignment     |
| 09/06/23 | Chapter 03 | Chapter 03                     | Chapter 03 Discussion Post        |
| 09/06/23 | Chapter 03 | Chapter 03                     | Chapter 03 Homework               |
| 09/08/23 | Chapter 04 | Chapter 04                     | Chapter 04 Quizlet Assignment     |
| 09/09/23 | Chapter 04 | Chapter 04                     | Chapter 04 Discussion Post        |
| 09/09/23 | Chapter 04 | Chapter 04                     | Chapter 04 Homework               |
| 09/10/23 | Chapter 05 | Chapter 05                     | Chapter 05 Quizlet Assignment     |
| 09/12/23 | Chapter 05 | Chapter 05                     | Chapter 05 Discussion Post        |

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|----------|------------|------------|-------------------------------|
| 09/12/23 | Chapter 05 | Chapter 05 | Chapter 05 Homework           |
| 09/16/23 |            |            | Unit 01 Test                  |
| 09/16/23 |            |            | Unit 01 Concept Map (Test)    |
| 09/20/23 |            |            | Unit 01 Case Study (Test)     |
| 09/22/23 | Chapter 06 | Chapter 06 | Chapter 06 Quizlet Assignment |
| 09/23/23 | Chapter 06 | Chapter 06 | Chapter 06 Discussion Post    |
| 09/23/23 | Chapter 06 | Chapter 06 | Chapter 06 Homework           |
| 09/24/23 | Chapter 07 | Chapter 07 | Chapter 07 Quizlet Assignment |
| 09/26/23 | Chapter 07 | Chapter 07 | Chapter 07 Discussion Post    |
| 09/26/23 | Chapter 07 | Chapter 07 | Chapter 07 Homework           |
| 09/28/23 | Chapter 08 | Chapter 08 | Chapter 08 Quizlet Assignment |
| 09/29/23 | Chapter 08 | Chapter 08 | Chapter 08 Discussion Post    |
| 09/29/23 | Chapter 08 | Chapter 08 | Chapter 08 Homework           |
| 10/01/23 | Chapter 09 | Chapter 09 | Chapter 09 Quizlet Assignment |
| 10/03/23 | Chapter 09 | Chapter 09 | Chapter 09 Discussion Post    |
| 10/03/23 | Chapter 09 | Chapter 09 | Chapter 09 Homework           |
| 10/05/23 | Chapter 10 | Chapter 10 | Chapter 10 Quizlet Assignment |
| 10/06/23 | Chapter 10 | Chapter 10 | Chapter 10 Discussion Post    |
| 10/06/23 | Chapter 10 | Chapter 10 | Chapter 10 Homework           |
| 10/11/23 |            |            | Unit 02 Exam                  |
| 10/11/23 |            |            | Unit 02 Concept Map (Test)    |
| 10/14/23 |            |            | Unit 02 Case Study (Test)     |
| 10/15/23 | Chapter 11 | Chapter 11 | Chapter 11 Quizlet Assignment |
| 10/17/23 | Chapter 11 | Chapter 11 | Chapter 11 Discussion Post    |
| 10/17/23 | Chapter 11 | Chapter 11 | Chapter 11 Homework           |
| 10/19/23 | Chapter 12 | Chapter 12 | Chapter 12 Quizlet Assignment |
| 10/20/23 | Chapter 12 | Chapter 12 | Chapter 12 Discussion Post    |
| 10/20/23 | Chapter 12 | Chapter 12 | Chapter 12 Homework           |
| 10/22/23 | Chapter 13 | Chapter 13 | Chapter 13 Quizlet Assignment |
| 10/23/23 | Chapter 13 | Chapter 13 | Chapter 13 Discussion Post    |
| 10/23/23 | Chapter 13 | Chapter 13 | Chapter 13 Homework           |
| 10/27/23 |            |            | Unit 03 Exam                  |
| 10/27/23 |            |            | Unit 03 Concept Map (Test)    |
| 10/31/23 |            |            | Unit 03 Case Study (Test)     |
| 11/02/23 | Chapter 14 | Chapter 14 | Chapter 14 Quizlet Assignment |
| 11/03/23 | Chapter 14 | Chapter 14 | Chapter 14 Discussion Post    |
| 11/03/23 | Chapter 14 | Chapter 14 | Chapter 14 Homework           |
| 11/05/23 | Chapter 15 | Chapter 15 | Chapter 15 Quizlet Assignment |
| 11/06/23 | Chapter 15 | Chapter 15 | Chapter 15 Discussion Post    |
| 11/06/23 | Chapter 15 | Chapter 15 | Chapter 15 Homework           |
| 11/08/23 | Chapter 16 | Chapter 16 | Chapter 16 Quizlet Assignment |
| 11/09/23 | Chapter 16 | Chapter 16 | Chapter 16 Discussion Post    |

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|----------|------------|------------|-------------------------------|
| 11/09/23 | Chapter 16 | Chapter 16 | Chapter 16 Homework           |
| 11/12/23 | Chapter 17 | Chapter 17 | Chapter 17 Quizlet Assignment |
| 11/13/23 | Chapter 17 | Chapter 17 | Chapter 17 Discussion Post    |
| 11/13/23 | Chapter 17 | Chapter 17 | Chapter 17 Homework           |
| 11/15/23 | Chapter 18 | Chapter 18 | Chapter 18 Quizlet Assignment |
| 11/16/23 | Chapter 18 | Chapter 18 | Chapter 18 Discussion Post    |
| 11/16/23 | Chapter 18 | Chapter 18 | Chapter 18 Homework           |
| 11/18/23 |            |            | Unit 04 Exam                  |
| 11/18/23 |            |            | Unit 04 Concept Map (Test)    |
| 11/20/23 |            |            | Unit 04 Case Study (Test)     |
| 11/21/23 | Chapter 19 | Chapter 19 | Chapter 19 Quizlet Assignment |
| 11/22/23 | Chapter 19 | Chapter 19 | Chapter 19 Discussion Post    |
| 11/22/23 | Chapter 19 | Chapter 19 | Chapter 19 Homework           |
| 11/26/23 | Chapter 20 | Chapter 20 | Chapter 20 Quizlet Assignment |
| 11/27/23 | Chapter 20 | Chapter 20 | Chapter 20 Discussion Post    |
| 11/27/23 | Chapter 20 | Chapter 20 | Chapter 20 Homework           |
| 11/29/23 | Chapter 21 | Chapter 21 | Chapter 21 Quizlet Assignment |
| 11/30/23 | Chapter 21 | Chapter 21 | Chapter 21 Discussion Post    |
| 11/30/23 | Chapter 21 | Chapter 21 | Chapter 21 Homework           |
| 12/02/23 |            |            | Unit 05 Exam                  |
| 12/02/23 |            |            | Unit 05 Concept Map (Test)    |
| 12/03/23 |            |            | Unit 05 Case Study (Test)     |
| 12/06/23 |            |            | Final Exam                    |

### **COURSE EVALUATION**

Final grades will be calculated according to the following criteria:

- Chapter Homework—25 percent
- Chapter Discussion Posts—10 percent
- Chapter Assignments—10 percent
- Unit Tests (including Common Assignment)—40 percent
- Final Exam—15 percent

### **GRADE SCALE**

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- 0-59 F

## **TECHNICAL REQUIREMENTS**

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

## **DISABILITIES STATEMENT**

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email [specialpopulations@lit.edu](mailto:specialpopulations@lit.edu). You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](#).

## **STUDENT CODE OF CONDUCT STATEMENT**

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at [www.lit.edu](http://www.lit.edu). Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

## **STARFISH**

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

## **ADDITIONAL COURSE POLICIES/INFORMATION**

### **Announcements:**

I will typically post announcements weekly, usually on Sunday afternoons. These announcements indicate upcoming due dates and notes which will be important to your success in this course. You should carefully read these announcements every week.

### **Professional Communication:**

My preferred method of communication is through my office mobile number at **409.247.4982**. Please leave a message with your *Name, Your Course Number (e.g. ECON 2301-2A.2), and the main reason(s)* you are calling me should you be directed to voicemail. I will assume you are a spam call if you do not leave me a message and I will not return your call without this information.

Additionally, you may text me at the above number. You **must** download Microsoft Teams through your respective App Store and Log-in with your LIT Credentials for this option to work.

Alternatively, you may contact me via email at [mtjohnson@lit.edu](mailto:mtjohnson@lit.edu). Students must use appropriate e-mail etiquette when corresponding with their instructor. This involves writing emails in a “letter” format as opposed to a “text chat” format. Please see the “Email Etiquette” graphic located in the “Helpful Resources” folder in Blackboard for all guidance concerning how to compose a professional and respectful email.

### **Use of Instructional Materials:**

Instructional materials, such as Powerpoint Presentations, Instructional Videos, etc. are provided in Blackboard for each Chapter. These will be useful in understanding and reinforcing concepts as they are presented in class. Content folders are scheduled to unlock/grant access throughout the semester to ensure synchronous learning.

I am attempting to convert all of my courses into a “Flipped” learning environment. This means that the Powerpoint presentations (i.e. lectures) will be recorded and posted for you to watch and take notes on your own time. Class time will be reserved for the application of theories and a holistic enrichment experience by working through sample problems.

### **Due Dates:**

All assignments will have their due dates posted in the announcement at the beginning of the week.

I allow for a “Grace Period” of 3 days for all Chapter Homework and Unit Exams. For example, an assignment due on Sunday, 20 January at 2300 (11PM) will be given a Grace Period until Wednesday, 23 January at 1700 (5PM). I do not allow for a Grace Period for the Final Exams, Discussion Posts, or Quizlet Assignments.

Assignments will be permanently locked after the end of the Grace Period. I will not, except under the most dire circumstances (e.g. hospitalization), re-open any assignments after the end of the Grace Period. You will need to provide any and all evidence requested by myself should you request to submit any assignment outside of the Grace Period.

### **Quizlet Assignments:**

Quizlet Assignments are to be submitted through Blackboard and must include a screenshot of your most recent grade after completing the “Test” option in Quizlet. It is required that all students join their respective class I have created in Quizlet in order to receive credit for this assignment.

### **Chapter Homework:**

Chapter Homeworks are 25-question Multiple-Choice and True-False assessments designed to ensure that you have read, watched, or listened to the necessary content aligned with each Chapter. You will be given 1 hour (60 minutes) to complete each of your Chapter Homeworks. You will be given two opportunities to submit each Chapter Homework to me. The final grade for each Chapter Homework will either be the average of the two “raw scores” or the “raw score” from a single submission.

### **Unit Exams:**

Exams will be provided within a Blackboard Examination window. The exams will be timed and are typically limited to 2 hours (120 minutes) with 100 questions. Make-up exams will not be provided. Any missed exam will merit a grade of zero until replaced with the grade earned on the Final Exam. Your exam will be graded immediately and returned to you in Blackboard. Feedback on specific questions will be given after the termination of the Grace Period.

You must work alone on all assignments weighted as Tests. This includes Unit Exams, Concept Maps, Unit Case Studies, and the Final Exam. Cheating on any assignment is not acceptable and will be subject to violations of the Academic Dishonesty Policy. Academic Dishonesty will result in a zero on any assignment. A second incidence of Academic Dishonesty will be handled at the discretion of the Department Chair.

There will be a comprehensive Final Exam at the end of the Semester. All students are required to take the Final Exam. Failure to take the Final Exam will result in a failure of the course.

### **Miscellaneous:**

Reliable Internet access is required for all online courses and many traditional courses. Computer failure and lack of internet access are not acceptable excuses for missed assignments, projects, quizzes, or exams. A lack of preparation on your part does not constitute an emergency on my part. Do not postpone completion of assignments until the last minute.

You are expected to attend class as a professional student. This means you are to demonstrate proper hygiene, dress appropriately, and conduct yourself in a professional manner. Disrespect or insubordination will not be tolerated and will result in dismissal from class.

I will not discuss your academic progress over the phone. I will not answer emails past 6:30pm (1830) each day and I will not answer emails over the weekend (Friday at 1700 until Sunday at 1500).

It is the responsibility of the student to properly withdraw from the course. The withdraw process will not be initiated by the instructor. It is my policy to NOT give Incompletes as a final course grade.

I reserve the right, as the instructor to change, alter, omit, or add to the tentative course outline and calendar. This course continues to be a "work in progress". Assignments, due dates, etc. can change.