

# Principles of Macroeconomics

Course	Economics 1110.005 – Principles of Macroeconomics
Time and Place	Wooten 116, MWF 10 - 10:50
Instructor	Ryan Elias (Mr. Ryan, Mr. Elias)
Email	ryan.elias@unt.edu
Office	Wooten 358
Drop-in Hours	Mondays 1 – 3, Tuesdays 12 – 2, or upon request.

## Principles of Economics Help Center

To assist you with this course, our department is happy to make a Help Center available for your use during the regular semester. The Principles of Economics **Help Center** is located in **Wooten Hall, room 310** and will be open for student use starting **Monday of the second week of the semester**. Hours of operation are on the Help Center Information Sheet posted on Canvas. **Read through the Help Center Information Sheet prior to going to the Help Center for assistance.**

## Course Textbook

Required Text: Introduction to Macroeconomic Methods and Models (2025 edition)  
Publisher: Top Hat; Authors: Kari L. Battaglia/Susan L. Dadres

This course requires the interactive digital textbook *Introduction to Macroeconomic Methods and Models*. The digital text and related assessments are accessed using the Top Hat platform ([www.tophat.com](http://www.tophat.com)). Top Hat is a Learning Management System (LMS) that interacts directly with Canvas once a Top Hat account is properly created.

To purchase the book for this course, go to Econ 1110.005 in Canvas and click on Top Hat LTI 1.3 link or deep link for Top Hat. If you already have a Top Hat account, the textbook for this course will be added to your course lobby after the text is purchased. If you are new to Top Hat, you will be prompted to create an account once you click on any launch or deep link for Top Hat.

Make sure you purchase the digital text for Econ 1110.005, Spring 2026. Do NOT use a copy of the text that was purchased by another student because this would prevent you from getting homework credit.

The link to register and ensure that your Top Hat grades can be moved to the Canvas grade book is located in the Canvas Module “Admin”. Click on “Top Hat Registration” to connect your Canvas and Top Hat accounts to make it possible for your homework grades to migrate from Top Hat to the Canvas gradebook.

You may purchase an access code for the textbook from the UNT bookstore OR you may go to the Top Hat website (<https://tophat.com>) and purchase access online.

For instructions on how to download the Top Hat app, please refer to the Top Hat's Getting Started Guide (<https://bit.ly/31TGMIw>). Please note **you cannot create an account through mobile applications**.

Should you require technical assistance with Top Hat at any time, please contact their Support Team directly by way of email ([support@tophat.com](mailto:support@tophat.com)), the in-app support button, or by calling 1-888-663-5491. Specific user information may be required by their technical support team when troubleshooting issues.

You can visit the Top Hat Overview (<https://success.tophat.com/s/article/Student-Top-Hat-Overview-and-Getting-Started-Guide>) within the Top Hat Success Center which provides a brief overview on working with this platform.

## **Other Course Materials**

This is an in-person lecture class; you will need **notetaking supplies** for each lecture. Taking notes on paper is recommended. If you use an electronic device for note-taking, replacement notes are not available in the event that you lose your device or notes.

A dedicated **calculator** should be brought to every class period and to all exams. Calculators will not be provided and cannot be shared. You may not use any other device, such as a phone, tablet, or laptop, as a calculator.

**Number 2 pencils** must be used for exams and some in-class graded work. Pencils are not provided.

## **Course Summary and Objectives**

The purpose of this course is to develop and use economic theory to understand the relationships between macroeconomic variables, how they change over time, and what policy instruments can be used to influence them. National output, income, employment, the general level of prices, and interest rates are some of the primary variables of interest. The topics covered in macroeconomics are those which appear in the newspaper and affect our daily lives. A basic understanding of how the economy works is essential not only to further scholarship but also to personal decision-making and so is relevant to all students.

Course Objectives (CO):

CO 1. Describe how market forces result in an efficient allocation of scarce resources.

CO 2. Explain how product markets achieve equilibrium and identify factors that cause

equilibrium price and quantity to change.

CO 3. Describe macroeconomic goals and the measurements used to evaluate the economy's performance.

CO 4. Illustrate how recessionary and inflationary gaps develop and compare the options of allowing the economy to self-correct versus using policy tools to achieve economic goals.

CO 5. Contrast the Classical approach of laissez-faire with the Keynesian approach of active policy management and identify the strengths and weaknesses of both approaches.

CO 6. Describe how the tools of fiscal policy are managed by the federal government and the impact of these tools on the economy as well as the government's national debt.

CO 7. Describe how the tools of monetary policy are managed by the Federal Reserve and the impact of these tools on the economy as well as financial markets.

CO 8. Predict the impact of different policy options on the economy's behavior in both the short run and the long run.

## **Grading Policy**

Your final grade in this course will be determined from your scores on homework, in-class graded work, in-class essay, and exams.

Homework (Top Hat)	10%	
In-Class Graded Work and Quizzes	20%	
In-Class Essay	5%	
Exam 1 (20%)	} Lowest mid-term exam grade is dropped for the course grade	40%
Exam 2 (20%)		
Exam 3 (20%)		
Comprehensive Final Exam ( <b>Required</b> )	25%	
Total	<hr/> 100%	

Course grades are assigned according to the following scale:

A =  $\geq 90\%$     B = 80 – 89.99%    C = 65 – 79.99%    D = 50 – 64.99%    F = Below 50%

Graded work such as in-class quizzes and exams will be handed back in class or posted on Canvas. You can monitor your performance (grade) in the course by logging into Canvas on a regular basis. You can also see me during my office hours or email me for an appointment if

you have concerns about your progress during the semester.

See <https://registrar.unt.edu/registration/spring-academic-calendar.html> for the Spring 2026 academic calendar and important University dates. Links to information about dropping this course or withdrawing from all classes can be found at <https://registrar.unt.edu/registration-guide>. If you decide to drop this course, you do so in your MyUNT portal. Instructors are not able to drop students from their class.

A grade of incomplete will be assigned according to UNT policy on incompletes. Before requesting a grade of incomplete, read this policy at <http://registrar.unt.edu/grades/incompletes>.

## **Exams**

Exam dates and the chapters to be covered are listed below as well as on the Course Calendar. Students are allowed 50 minutes to complete exams 1, 2, and 3 and 120 minutes to complete the final exam. Exams will be returned in class, but I reserve the right to re-collect them and keep them on file. **You must bring a UNT student identification card, a non-graphing calculator, and number 2 pencils to each exam.**

**Midterm Exam Policy:** We realize that students may miss an exam due to unforeseen circumstances. If you miss one midterm exam (Exam 1, Exam 2, Exam 3) for any reason, that zero exam grade will be the one dropped. If you take all three midterm exams, the lowest of the three grades will be dropped.

**Final Exam Policy:** The final exam is **mandatory** and cannot be dropped. If you miss the final exam for an excused reason (documentation will be required), you must immediately contact your instructor. Your instructor will determine the best course of action.

### **Examination Dates**

**Exam 1 (Ch. 1, 2, 4, 5 & 6) ..... Fri, Feb 13**

**Exam 2 (Ch. 7 - 10) ..... Fri, Mar 27**

**Exam 3 (Ch. 11 - 13) ..... Fri, Apr 24**

**Final Exam (Comprehensive through Ch. 13) ..... Sat, May 2 (7:30 am)**

## **Classroom and Exam Accommodations**

If you are eligible for course accommodations under the ADA, be sure you have registered with the Office of Disability Access (ODA). Please schedule to meet with me if you would like to

discuss your accommodations in person. For exam accommodations, you must schedule to take your exams at ODA according to the deadline set by ODA. Extended test time and other test accommodations are not provided otherwise.

## **Homework and In-Class Graded Work**

Homework assignments come from the book on the Top Hat platform. Graded work in Top Hat counts 10% of the semester course grade.

In-class graded work may take several forms, including written quizzes, essays, and class participation activities. In-class graded work accounts for 20% of the semester course grade.

## **In-Class Essay**

Students are allowed 20 minutes to complete an essay in class on March 25. An in-class essay requires the use of information and tools acquired in this class to analyze and interpret real world events. Detailed instructions will be distributed in class. An in-class essay accounts for 5% of the semester course grade.

Refer to the Course Calendar below for guidance on which chapters will be covered each week in lecture.

## **COURSE CALENDAR**

<b><u>Class Week</u></b>	<b><u>Text Material Covered:</u></b>
Jan 12 – 16	Chapter 1 Economic Methods and Models Chapter 2 Addressing Scarcity
<b>January 19</b>	<b>Martin Luther King Jr. Day Holiday – No Class</b>
Jan 20 – 23	Chapter 2 Addressing Scarcity Chapter 4 The Supply and Demand Model
Jan 26 – 30	Chapter 4 The Supply and Demand Model Chapter 5 Macro Measures: Unemployment and Inflation
Feb 2 – 6	Chapter 5 Macro Measures: Unemployment and Inflation Chapter 6 Macro Measures: Income and Output
Feb 9 – 11	Finish and Review Chapters 1, 2, 4, 5, and 6
<b>Feb 13</b>	<b>Exam 1; Chapters 1, 2, 4, 5, and 6</b>
Feb 16 – 20	Chapter 7 Aggregate Demand and Aggregate Supply
Feb 23 – 27	Chapter 8 Introduction to the Classical Model
Mar 2 – 6	Chapter 9 Introduction to the Keynesian Model
<b>Mar 9 – 13</b>	<b>Spring Break – No Classes</b>
Mar 16 – 20	Chapter 10 Government in the Macroeconomy: Fiscal Policy
Mar 23 – 25	Finish and Review Chapters 7 – 10; In-Class Essay
<b>Mar 27</b>	<b>Exam 2; Chapters 7 - 10</b>

Mar 30 – Apr 3	Chapter 11 Money, Banks, and Interest Rates
Apr 6 – 10	Chapter 12 Government in the Macroeconomy: Monetary Policy
<b>Apr 10</b>	<b>Last day to drop a class</b>
Apr 13 – 17	Chapter 13 Monetary Theory: the Impact of Money on the Macroeconomy
Apr 20 – 22	Finish and Review Chapters 11 - 13
<b>Apr 24</b>	<b>Exam 3; Chapters 11 - 13</b>
Apr 28 – May 1	End of Semester Information; Review for Final Exam
May 2, 7:30 – 9:30 am <b>Final Exam; the final exam is comprehensive</b>	

## **Attendance Policy**

I believe every student can be successful in this course, but in addition to attending class regularly, you must also prepare outside of class regularly. As some of your other professors have probably also told you, you should expect to devote two to three hours outside of class for every one hour you spend in class. This time you spend outside of class should be used for reading the etext, working assessments, using the Help Center, and reviewing for quizzes and exams. You might even use a calendar to help you manage your outside of class study time, especially if you are taking a full class load and working.

Class attendance is expected and will significantly increase your chances for a better understanding of economics and a better grade in this course. Additionally, unannounced quizzes and graded work which you might miss by failing to attend may lower your grade.

There may also be bonus points awarded during the semester which you may miss if you do not attend class. Additional bonus points or extra credit is NOT be available on an individual basis.

## **Personal Electronics Policy**

Students may take notes on whatever device they feel most comfortable with. However, it is important to note that this class contains many graphs and equations that might prove difficult to take note of quickly on a traditional laptop.

Please keep cell phones on silent or vibrate during class time so you are not a distraction to your fellow students.

Cell phones, head phones, ear buds, and other devices not previously approved may not be used during exams. The only device allowed during exams is a dedicated calculator.

## **Contacting Me**

In person: I encourage you to utilize the office hours listed on the first page of this syllabus. You do not need an appointment to see me during my office hours. If you are unable to meet during my office hours, please email me to set up a mutually convenient time.

Via Email: **All email must be sent through your UNT student email address (my.unt.edu) specifically to me at [ryan.elias@unt.edu](mailto:ryan.elias@unt.edu).** Emails from any other source or to any other email address is unlikely to make it through UNT filters and will not be answered.

If you contact me via email, the subject line of your email must have your course and section number to be opened. I will do my best to respond to email within 24 hours, Monday through Friday when UNT is open. If you do not get a response, please resend making sure to follow the above instructions.

You can also email me through Canvas using the Inbox icon on the left of the course home page.

Email correspondence should be appropriate and should not contain requests for me to provide you with missed assignments, handouts, notes, grades, etc. and should never be a request to treat your coursework and grade differently than what is outlined on this syllabus. Inappropriate emails and student requests will be forwarded to the appropriate campus office and/or official.

**Outside of office hours, you can receive assistance at the Econ Help Center in Wooten Hall Room 310.** See the Help Center Information Sheet on Canvas for Help Center hours of operation. **Read through the information sheet in its entirety prior to your first visit to the Help Center.**

## **Technical Help**

Contact the Help Desk if you have any problems using Canvas.

Email: [helpdesk@unt.edu](mailto:helpdesk@unt.edu) Phone: 940-565-2324

Visit the website for additional information and hours of operation: <https://it.unt.edu/helpdesk>

For Top Hat technical assistance, see the second page of this syllabus.

**Please read the following UNT policies that apply to all courses at UNT.**

## **Copyrights**

Class lectures are protected by state common law and federal copyrights. They are the original expression of the Instructor and may be recorded at the same time as delivered in order to secure protection. Whereas, you are authorized to take notes in class thereby creating a derivative of the lecture, the authorization extends only to making one set of notes for your PERSONAL USE. You are not authorized to record lectures or to make commercial use of

them without the Instructor's prior express written permission.

### **Disability Accommodation**

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Access (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time; however, ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information, refer to the ODA website at <https://studentaffairs.unt.edu/office-disability-access/index.html>. You may also contact ODA by phone at (940) 565-4323.

The Economics Department cooperates with the Office of Disability Access (ODA) to make reasonable accommodations for qualified students with disabilities. If you have not registered with ODA, we encourage you to do so. Please present your written accommodation request during the first two weeks of the semester if possible.

### **AI Use**

The "unauthorized" use of any person or technology that assists in a student's assignment, project, or paper is considered cheating under the UNT Student Academic Integrity Policy (UNT Policy 6.003). Unless a professor or instructor gives explicit "authorization," AI cannot be used to complete assignments, projects, or papers. Doing so will result in a "cheating" violation.

### **Academic Integrity Policy**

Academic Integrity Standards and Consequences. According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University. The UNT Department of Economics adheres to the University's Policy on Cheating and Plagiarism. To view the complete Student Academic Integrity policy, go to <https://policy.unt.edu/policy/06-003>.

**Individuals engaging in activities that may be construed as cheating or plagiarizing should be prepared for the consequences; one consequence is to receive an “F” for the course. Please see below for further information on and explanation of cheating and plagiarism.**

Cheating: The use of unauthorized assistance in an academic exercise, including but not limited to:



1. use of any unauthorized assistance to take exams, tests, quizzes or other assessments;
2. dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems or carrying out other assignments;
3. acquisition, without permission, of tests, notes or other academic materials belonging to a faculty or staff member of the University;
4. dual submission of a paper or project, or re-submission of a paper or project to a different class without express permission from the instructor;
5. any other act designed to give a student an unfair advantage on an academic assignment.

**Plagiarism:** Use of another's thoughts or words without proper attribution in any academic exercise, regardless of the student's intent, including but not limited to:

1. the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgement or citation.
2. the knowing or negligent unacknowledged use of materials prepared by another person or by an agency engaged in selling term papers or other academic materials.

**Important note:** if you are retaking this class, all assigned work must be completed as instructed. Submitting work or answers from a previous semester constitutes cheating and will be treated as such.

### **Prohibition of Discrimination, Harassment, and Retaliation**

The University of North Texas (UNT) prohibits discrimination and harassment because of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law in its application and admission processes; educational programs and activities; employment policies, procedures, and processes; and university facilities. The University takes active measures to prevent such conduct and investigates and takes remedial action when appropriate.

### **Classroom Conduct: Acceptable Student Behavior**

Student behavior that interferes with the Instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the Instructor may refer the student to the appropriate University office. The university's expectations for student conduct apply to all instructional forums, including university and electronic classrooms, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at <https://policy.unt.edu/policy/07-012>. See section IX for a list of the Categories of Misconduct and section X for a list of the Sanctions for Misconduct.

### **Sexual Assault Prevention**

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment, sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at [SurvivorAdvocate@unt.edu](mailto:SurvivorAdvocate@unt.edu) or by calling the Dean of Students Office at 940-565- 2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at [oeo@unt.edu](mailto:oeo@unt.edu) or 940-565-2759.

### **Student Affairs and Dean of Students Office**

For a comprehensive list of all of the services available to UNT students, please visit the Division of Students Affairs website at <https://studentaffairs.unt.edu/departments/>. Access to student-related policies, information, and services can be found at <https://studentaffairs.unt.edu/dean-of-students/index.html>. The Dean of Students is part of the Division of Student Affairs. The Dean of Students office provides a wide range of services and information for students such as Academic Rights, Gowns for Grads, and Student Legal Services.