

ITT Technical Institute  
**ES2560**  
**Macroeconomics**  
**Onsite and Online Course**

# **SYLLABUS**

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**Credit hours:** 4.5

**Contact/Instructional hours:** 45 (45 Theory Hours)

**Prerequisite(s) and/or Corequisite(s):**

Prerequisites: MA1210 College Mathematics I or equivalent, EN1320 Composition I or equivalent. Students may not receive credit for both ES2555 Survey of Economics or equivalent and ES2560 Macroeconomics or equivalent.

**Course Description:**

This course is the study of aggregate economic activity. Students apply basic principles of macroeconomics to unemployment, inflation and economic growth.

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## COURSE SUMMARY

### COURSE DESCRIPTION

This course is the study of aggregate economic activity. Students apply basic principles of macroeconomics to unemployment, inflation and economic growth.

### MAJOR INSTRUCTIONAL AREAS

1. Supply and Demand
2. Unemployment
3. Inflation
4. Output
5. Monetary Policy
6. Fiscal Policy
7. International Trade
8. Role of the Government in the Economy

### COURSE LEARNING OBJECTIVES

By the end of this course, you should be able to:

1. Explain key macroeconomic terminology.
2. Explain and apply the theories of demand and supply.
3. Analyze the major types of unemployment with respect to full employment.
4. Analyze the impact of inflation on purchasing power.
5. Analyze the approaches to determine gross domestic product (GDP).
6. Analyze how key macroeconomic indicators shape economic policy.
7. Describe and analyze monetary and fiscal policies.
8. Identify and analyze the international dimensions of macroeconomic policy with respect to trade.

## COURSE OUTLINE

### MODULE 1: ECONOMICS IN DAILY LIFE

#### COURSE LEARNING OBJECTIVES COVERED

- Explain key macroeconomic terminology.

#### TOPICS COVERED

- The Power of Economic Analysis
- The Three Basic Economic Questions
- Wants and Needs
- The World of Trade-Offs

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Reading:</b> Miller, Chapters 1 and 2.	No	2 hr
<b>Multimedia:</b> ITT Tech Virtual Library> School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> GDP: Measuring national income> Introduction to economics.	No	0.5 hr
<b>Lesson:</b> Study the lesson for this module.	No	1.5 hr
<b>Discussion:</b> Participate in the discussion titled “Economics Decisions.”	Yes	N/A
<b>Analysis:</b> Submit the analysis titled “Rational Assumption.”	Yes	3 hr
<b>Quiz:</b> Prepare for Quiz 1.	No	2 hr

Total Out-Of-Class Activities: 9 Hours

## MODULE 2: DEMAND AND SUPPLY

### COURSE LEARNING OBJECTIVES COVERED

- Explain and apply the theories of demand and supply.

### TOPICS COVERED

- Laws of Demand and Supply
- Shifts in Demand and Supply
- The Price Systems and Markets

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Reading:</b> Miller, Chapters 3 and 4.	No	4 hr
<b>Multimedia:</b> ITT Tech Virtual Library> School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Aggregate demand and aggregate supply> <ul style="list-style-type: none"> <li>• Aggregate demand</li> <li>• Shifts in aggregate demand</li> <li>• Long-run aggregate supply</li> <li>• Short run aggregate supply</li> </ul>	No	2 hr
<b>Lesson:</b> Study the lesson for this module.	No	2 hr
<b>Discussion:</b> Participate in the discussion titled “Demand and Price Relationship.”	Yes	N/A
<b>Practice Quiz:</b> Take Practice Quiz 1.	No	1 hr
<b>Essay:</b> Submit the essay titled “Laws of Demand and Supply.”	Yes	2.5 hr
<b>Analysis:</b> Submit the analysis titled “Factors Affecting Aggregate Demand and Supply.”	Yes	3 hr
<b>Quiz:</b> Take Quiz 1.	Yes	N/A
<b>Quiz:</b> Prepare for Quiz 2.	No	2 hr

Total Out-Of-Class Activities: 16.5 Hours

### MODULE 3: UNEMPLOYMENT, FULL EMPLOYMENT, AND INFLATION

#### COURSE LEARNING OBJECTIVES COVERED

- Analyze the major types of unemployment with respect to full employment.
- Analyze the impact of inflation on purchasing power.

#### TOPICS COVERED

- Unemployment
- Full Employment
- Inflation
- Deflation

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Reading:</b> Miller, Chapter 7.	No	2 hr
<b>Multimedia:</b> ITT Tech Virtual Library> School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Inflation–measuring the cost of living> <ul style="list-style-type: none"> <li>• Measuring cost of living–inflation and the consumer price index&gt; Introduction to Inflation</li> <li>• Deflation&gt; Deflation</li> <li>• Inflationary and deflationary scenarios&gt; <ul style="list-style-type: none"> <li>○ Moderate inflation in a good economy</li> <li>○ Stagflation</li> <li>○ Hyperinflation</li> </ul> </li> <li>• The Phillips curve: Inflation and unemployment&gt; <ul style="list-style-type: none"> <li>○ Unemployment rate primer</li> <li>○ Phillips curve</li> </ul> </li> </ul>	No	2 hr
<b>Lesson:</b> Study the lesson for this module.	No	2 hr
<b>Discussion:</b> Participate in the discussion titled “Types of Unemployment.”	Yes	N/A
<b>Practice Quiz:</b> Take Practice Quiz 2.	No	1 hr

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Essay:</b> Submit the essay titled "Full Employment."	Yes	2.5 hr
<b>Analysis:</b> Submit the analysis titled "Real Purchasing Power."	Yes	3 hr
<b>Quiz:</b> Take Quiz 2.	Yes	N/A
<b>Quiz:</b> Prepare for Quiz 3.	No	2 hr

Total Out-Of-Class Activities: 14.5 Hours

## MODULE 4: COMPUTATION OF GDP

### COURSE LEARNING OBJECTIVES COVERED

- Analyze the approaches to determine gross domestic product (GDP).

### TOPICS COVERED

- The Simple Circular Flow
- Methods of GDP Determination
- Economic Growth
- Output Growth
- Keynesian Economics
- Real GDP

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Reading:</b> Miller, Chapters 8-12.	No	10.5 hr
<b>Multimedia:</b> ITT Tech Virtual Library> School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> GDP: Measuring national income> <ul style="list-style-type: none"> <li>GDP and the circular flow of income and expenditures&gt; <ul style="list-style-type: none"> <li>Circular flow of income and expenditures</li> <li>Parsing gross domestic product</li> <li>More on final and intermediate GDP contributions</li> </ul> </li> <li>Components of GDP&gt; <ul style="list-style-type: none"> <li>Investment and consumption</li> <li>Income and expenditure views of GDP</li> <li>Components of GDP</li> </ul> </li> </ul>	No	2.5 hr
<b>Lesson:</b> Study the lesson for this module.	No	2 hr
<b>Discussion:</b> Participate in the discussion titled "Contributions to the GDP."	Yes	N/A
<b>Practice Quiz:</b> Take Practice Quiz 3.	No	1 hr
<b>Essay:</b> Submit the essay titled "GDP Determination."	Yes	2.5 hr

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Analysis:</b> Submit the analysis titled "GDP Versus Gross National Happiness."	Yes	3.5 hr
<b>Quiz:</b> Take Quiz 3.	Yes	N/A
<b>Quiz:</b> Prepare for Quiz 4.	No	2 hr

Total Out-Of-Class Activities: 24 Hours



## MODULE 5: MONETARY AND FISCAL POLICIES

### COURSE LEARNING OBJECTIVES COVERED

- Analyze how key macroeconomic indicators shape economic policy.
- Describe and analyze monetary and fiscal policies.

### TOPICS COVERED

- Discretionary Fiscal Policy
- Automatic Stabilizers
- Government Finance
- The Functions of Money
- The Federal Reserve System
- Monetary Policy and Inflation

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Reading:</b> Miller, Chapters 13-16.	No	7 hr
<b>Multimedia:</b> ITT Tech Virtual Library> School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> The monetary system> Money supply> Money supply: M0, M1, and M2	No	0.5 hr
<b>Lesson:</b> Study the lesson for this module.	No	2 hr
<b>Discussion:</b> Participate in the discussion titled “Discretionary Fiscal Policy.”	Yes	N/A
<b>Practice Quiz:</b> Take Practice Quiz 4.	No	1 hr
<b>Essay:</b> Submit the essay titled “The Fed’s Policy Tools.”	Yes	2.5 hr
<b>Analysis:</b> Submit the analysis titled “Monetary Policy Report.”	Yes	3 hr
<b>Quiz:</b> Take Quiz 4.	Yes	N/A
<b>Final Exam:</b> Prepare for the final exam.	No	5 hr

Total Out-Of-Class Activities: 21 Hours

## MODULE 6: MACROECONOMIC POLICIES WITH RESPECT TO TRADE

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**COURSE LEARNING OBJECTIVES COVERED**

- Explain key macroeconomic terminology.
- Explain and apply the theories of demand and supply.
- Analyze the major types of unemployment with respect to full employment.
- Analyze the impact of inflation on purchasing power.
- Analyze the approaches to determine gross domestic product (GDP).
- Analyze how key macroeconomic indicators shape economic policy.
- Describe and analyze monetary and fiscal policies.
- Identify and analyze the international dimensions of macroeconomic policy with respect to trade.

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**TOPICS COVERED**

- Comparative Advantage
- Relationship Between Exports and Imports
- Free Trade Versus Restrictive Trade
- The Balance of Payment

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Reading:</b> Miller, Chapters 32 and 33.	No	4 hr
<b>Multimedia:</b> ITT Tech Virtual Library> School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Foreign exchange and trade> <ul style="list-style-type: none"> <li>• Balance of payments–current account and capital account&gt; <ul style="list-style-type: none"> <li>○ Balance of payments: Current account</li> <li>○ Balance of payments: Capital account</li> <li>○ Why current and capital accounts net out</li> </ul> </li> <li>• Currency reserves&gt; <ul style="list-style-type: none"> <li>○ Accumulating foreign currency reserves</li> <li>○ Using reserves to stabilize currency</li> <li>○ Speculative attack on a currency</li> </ul> </li> </ul>	No	1.5 hr

MODULE LEARNING ACTIVITIES	GRADED	OUT-OF-CLASS TIME
<b>Lesson:</b> Study the lesson for this module.	No	2 hr
<b>Analysis:</b> Submit the analysis titled "International Trade."	Yes	3 hr
<b>Final Exam:</b> Take the final exam.	Yes	N/A

Total Out-Of-Class Activities: 10.5 Hours

## EVALUATION AND GRADING

### EVALUATION CRITERIA

The graded assignments will be evaluated using the following weighted categories:

CATEGORY	WEIGHT
Discussion	15%
Essay	25%
Analysis	30%
Quiz	20%
Final Exam	10%
TOTAL	100%

### GRADE CONVERSION

The final grades will be calculated from the percentages earned in the course, as follows:

GRADE	PERCENTAGE
A (4.0)	90–100%
B+ (3.5)	85–89%
B (3.0)	80–84%
C+ (2.5)	75–79%
C (2.0)	70–74%
D+ (1.5)	65–69%
D (1.0)	60–64%
F (0.0)	<60%

## LEARNING MATERIALS AND REFERENCES

### REQUIRED RESOURCES

#### COMPLETE TEXTBOOK PACKAGE

- Miller, R. L. (2012). *Economics today: The macro view (16th ed.)*. Upper Saddle River, NJ: Prentice Hall.

### RECOMMENDED RESOURCES

- ITT Tech Virtual Library (accessed via Student Portal | <https://studentportal.itt-tech.edu>)
  - Basic Search>
    - Chamley, C. (2014). When Demand Creates its Own Supply: Saving Traps. *Review Of Economic Studies*, 81(2), 651-680.
    - Holdren, A. E. (2014). Gross Domestic Product and Gross Domestic Income: Revisions and Source Data. *Survey Of Current Business*, 94(6), 1.
    - Hornstein, A. (2011). Introduction to the Special Issue on Modern Macroeconomic Theory. *Economic Quarterly (10697225)*, 97(3), 189-193.
    - Kahn, L. M. (2015). Skill Shortages, Mismatches, and Structural Unemployment: A Symposium. *Industrial & Labor Relations Review*, 68(2), 247-250.
  - School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> GDP: Measuring national income> Introduction to economics
  - School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Aggregate demand and aggregate supply>
    - Aggregate demand
    - Long-run aggregate supply
    - Shifts in aggregate demand
    - Short run aggregate supply

- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Inflation—measuring the cost of living>
  - Measuring cost of living—inflation and the consumer price index> Introduction to Inflation
- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Inflation—measuring the cost of living> Deflation>
  - Deflation
- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Inflation—measuring the cost of living> Inflationary and deflationary scenarios>
  - Hyperinflation
  - Moderate Inflation in a good economy
  - Stagflation
- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Inflation—measuring the cost of living> The Phillips curve: Inflation and unemployment>
  - Phillips curve
  - Unemployment rate primer
- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> GDP: Measuring national income> GDP and the circular flow of income and expenditures>
  - Circular flow of income and expenditures
  - More on final and intermediate GDP contributions
  - Parsing gross domestic product
- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> GDP: Measuring national income> Components of GDP>
  - Components of GDP
  - Income and expenditure views of GDP
  - Investment and consumption

- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> The monetary system> Money supply>
  - Money supply: M0, M1, and M2
- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Foreign exchange and trade> Balance of payments—current account and capital account>
  - Balance of payments: Capital account
  - Balance of payments: Current account
  - Why current and capital accounts net out
- School of Study> General Education Information> Tutorial links> Khan Academy> Subjects> Economics and finance> Macroeconomics> Foreign exchange and trade> Currency reserves>
  - Accumulating foreign currency reserves
  - Speculative attack on a currency
  - Using reserves to stabilize currency

## INSTRUCTIONAL METHODS AND TEACHING STRATEGIES

The curriculum employs a variety of instructional methods that support the course objectives while fostering higher cognitive skills. These methods are designed to encourage and engage you in the learning process in order to maximize learning opportunities. The instructional methods include but are not limited to lectures, collaborative learning options, use of technology, and hands-on activities.

To implement the above-mentioned instructional methods, this course uses several teaching strategies, such as practice quizzes, tutorial videos, and real-world scenarios. Your progress will be regularly assessed through a variety of assessment tools including discussion, essay, analysis, quiz, and a final exam.

## OUT-OF-CLASS WORK

For purposes of defining an academic credit hour for Title IV funding purposes, ITT Technical Institute considers a quarter credit hour to be the equivalent of: (a) at least 10 clock hours of classroom activities and at least 20 clock hours of outside preparation; (b) at least 20 clock hours of laboratory activities; or (c) at least 30 clock hours of externship, practicum or clinical activities. ITT Technical Institute utilizes a “time-based option” for establishing out-of-class activities which would equate to two hours of out-of-class activities for every one hour of classroom time. The procedure for determining credit hours for Title IV funding purposes is to divide the total number of classroom, laboratory, externship, practicum and clinical hours by the conversion ratios specified above. A clock hour is 50 minutes.

A credit hour is an artificial measurement of the amount of learning that can occur in a program course based on a specified amount of time spent on class activities and student preparation during the program course. In conformity with commonly accepted practice in higher education, ITT Technical Institute has institutionally established and determined that credit hours awarded for coursework in this program course (including out-of-class assignments and learning activities described in the “Course Outline” section of this syllabus) are in accordance with the time-based option for awarding academic credit described in the immediately preceding paragraph.



**ACADEMIC INTEGRITY**

All students must comply with the policies that regulate all forms of academic dishonesty or academic misconduct. For more information on the academic honesty policies, refer to the Student Handbook and the School Catalog.

**INSTRUCTOR DETAILS**

Instructor Name	
Office Hours	
Contact Details	

*(End of Syllabus)*