

ECON R202: INTRODUCTION TO THE PRINCIPLES OF MACROECONOMICS

Originator

iedwards

College

Oxnard College

Discipline (CB01A)

ECON - Economics

Course Number (CB01B)

R202

Course Title (CB02)

Introduction to the Principles of Macroeconomics

Banner/Short Title

Principles of Macroeconomics

Credit Type

Credit

Start Term

Fall 2021

Formerly

ECON R101

Catalog Course Description

This course introduces the student to the functioning of the national economy in a global environment, its economic institutions, and to the issues of economic policy related to levels of employment, prices, economic growth, national income accounting and international trade and exchange rates. It examines alternate economic systems, the interplay between the government and the private sector, and the determination of public policy. C-ID: ECON 202.

Taxonomy of Programs (TOP) Code (CB03)

2204.00 - Economics

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

A (Transferable to both UC and CSU)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

E - Non-Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

May be required

Grading method

Letter Graded

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Minimum Contact/In-Class Lecture Hours

52.5

Maximum Contact/In-Class Lecture Hours

52.5

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

0

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

52.5

Total Maximum Contact/In-Class Hours

52.5

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class

Minimum Outside-of-Class Hours

105

Maximum Outside-of-Class Hours

105

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

157.5

Total Maximum Student Learning Hours

157.5

Minimum Units (CB07)

3

Maximum Units (CB06)

3

Prerequisites

MATH R002 or MATH R005 or MATH R011 or MATH R015

Advisories on Recommended Preparation

MATH R014 or MATH R014B

Entrance Skills

Entrance Skills

Macroeconomics uses mathematics to inform about characteristics of and economic relationships within and beyond macroeconomics in a quantitative way. Common mathematical techniques in macroeconomics courses include geometry, order of operations and balancing equations. Macroeconomics might also appropriately use mathematics to highlight existing phenomena or draw graphs to visually show the implications of human action.

Students of macroeconomics should understand how slope and fractional exponents interact within linear and exponential equations. For example, students should be able to derive the value of the slope of a line using the linear equation " $y = a + bx$ " and solving for b .

Macroeconomics may require entrance skills such as:

What a function is

How to interpret the equation of a line (i.e., slope and intercept)

How to manipulate a line (i.e., changing the slope or the intercept)

How to compute and interpret a growth rate (i.e., percentage change)

How to read and manipulate a graph.

Prerequisite Course Objectives

MATH R002-Graph lines using the slope and y-intercept.

MATH R002-Write linear equations given two points.

MATH R002-Evaluate functions using function notation.

MATH R002-Solve systems of linear equations by graphing, substitution, and elimination methods.

MATH R002-Use rules of exponents to simplify algebraic expressions.

MATH R002-Add, subtract, multiply, and divide polynomials.

MATH R002-Solve rational equations.

MATH R005-Simplify algebraic expressions

MATH R005-Solve linear equations.

MATH R005-Graph linear equations by plotting points and using intercepts.

MATH R005-Simplify rational expressions and solve rational equations.

MATH R005-Simplify expressions involving positive, negative, and rational exponents.

MATH R005-Graph and evaluate elementary functions.

MATH R005-Use definitions, domain and range, algebra and composition of functions on related applications.

MATH R011-Evaluate and simplify algebraic expressions

MATH R011-Simplify expressions with positive and negative exponents
MATH R011-Convert decimals to scientific notation and vice versa
MATH R011-Graph and write linear equations
MATH R011-Solve systems of linear equations by algebraic and graphing methods
MATH R011-Add, subtract, multiply, divide and simplify rational expressions
MATH R011-Solve rational equations
MATH R015-Evaluate and simplify algebraic expressions.
MATH R015-Solve linear equations.
MATH R015-Simplify expressions with positive and negative exponents.
MATH R015-Convert decimals to scientific notation and vice versa.
MATH R015-Solve systems of two (2) variable linear equations by graphing and algebraic methods, and three (3) variable linear equations by algebraic methods.
MATH R015-Add, subtract, and multiply polynomials.
MATH R015-Add, subtract, multiply, divide and simplify rational expressions.
MATH R015-Solve rational equations.
MATH R015-Graph linear functions and write using function notation.

Requisite Justification

Requisite Type

Prerequisite

Requisite

MATH R002

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

MATH R005

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

MATH R011

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

MATH R015

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Advisory

Requisite

MATH R014

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Advisory

Requisite

MATH R014B

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:

- | | |
|---|---|
| 1 | Identify many of the consequences of scarcity, particularly at the macro level. |
| 2 | Analyze the stages of business cycles with respect to aggregate demand and aggregate production, employment and prices. |
| 3 | Evaluate monetary and/or fiscal policy choices to address different macroeconomic situations. |
| 4 | Demonstrate an understanding of international economic interactions and global economic disparities. |

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- | | |
|----|---|
| 1 | Identify many of the consequences of scarcity, particularly at the macro level. |
| 2 | Distinguish how changes in opportunity cost affect decisions at the macro level. |
| 3 | Appraise the effectiveness of the market system in the allocation of goods and services, and in the achievement of equitable distribution of income and wealth within an economy. |
| 4 | Relate the Federal Reserve Bank's decisions to contractionary or expansionary monetary policies. |
| 5 | Distinguish between fiscal and monetary policy decisions. |
| 6 | Assess the effectiveness of particular fiscal or monetary actions in their ability to combat inflation or unemployment. |
| 7 | Distinguish between nominal and real values, and be able to convert nominal values into real ones. |
| 8 | Identify the difference between Classical, Keynesian and Supply-side approaches to dealing with economic downturns and upturns. |
| 9 | Calculate important macro-level statistics such as unemployment rate, labor force participation rate, inflation rate etc., if appropriate data is provided. |
| 10 | Identify some of the impediments to economic growth and development among less developed economies. |
| 11 | Relate budget deficits to domestic interest rates. |

Course Content

Lecture/Course Content

1. An Introduction to the Nature and Scope of Economic Analysis
 - a. The Central Problem of Scarcity, Choices, Trade-offs, and the Necessity of Resource Allocation
 - b. Macro vs. Microeconomics
 - c. Positive and Normative Approaches
 - d. Economic Models, Theories, and the Assumption of Ceteris Paribus
 - e. Rational Self-Interest
 - f. Cost-Benefit and Marginal Analysis
 - g. Common Errors in Reasoning
2. Graphing Basics
 - a. Pie-charts, Bar Graphs and Trend Lines
 - b. Graphing the Relationship Between Variables, Concept of Dependent and Independent Variables
 - c. Slopes, the Concept of Marginal, Equation of a Straight Line
 - d. Graphing of Increasing, Constant and Decreasing Marginal Opportunity Cost
 - e. Graphing Shifts vs. Movements
3. Scarcity and the World of Trade-Offs
 - a. Resource Categories: Land, Labor, Capital and Entrepreneurship
 - b. Production Possibilities Frontier, Increasing Marginal Opportunity Cost, Factors that may Cause Shifts in the Production Possibilities Frontier
4. The Market System and Price Determination
 - a. Consumer Sovereignty, Laissez Faire, Laws of Demand and Supply, Graphing of Demand and Supply, Equilibrium Price and Quantity, Concept of Relative Price, Shortage and Surplus
 - b. Changes in Demand and Supply vs. Changes in Quantities of Demand and Supply (Shifts vs. Movements)
 - c. Non-Price Determinants of Demand and Supply
 - d. Equilibrium Price and Quantity and Changes in Demand and Supply
5. Market Failures and the Role of Government
 - a. Economic Stability and Equity
 - b. Regulation, Taxation and Subsidies
 - c. Externalities and Public Goods
 - d. Price Controls and Impact
6. Health of the Economy
 - a. History, Nature, Causes and Measurement of Business Cycles; Introduction to the Concepts of Aggregate Demand and Supply
 - b. The Circular Flow Model and Sectors of the Economy
 - c. Measurement of Domestic Production: Gross and Net Domestic Product, National Income, Personal Income, Disposable Personal Income, National Income Accounting; Real vs. Nominal; Alternate Methods of Calculating Gross Domestic Product
 - d. Economic Growth, and the Role of Capital Investment, Education, Technology etc. in Determining Economic Growth
 - e. Unemployment: Labor Force and Labor Force Participation Rate, Calculation of Unemployment Rate; Frictional, Seasonal, Cyclical and Structural Unemployment; Natural Rate of Unemployment; How Unemployment Data is Collected, Flaws in the Data; History of Unemployment in the US Economy; Factors Determining the Level of Unemployment
 - f. Price Level, Consumer and Producer Price Indexes, Calculations, Inflation, Deflation and Disinflation; History of Inflation in the US, Real vs. Nominal, Demand-Pull and Cost-Push Inflation; Impact of Inflation
7. Macroeconomic Equilibrium
 - a. Aggregate Demand and Aggregate Supply
 - b. Factors that Influence Aggregate Demand and Aggregate Supply
 - c. Short-Run vs. Long-Run Equilibrium
8. Classical, Keynesian and Supply-Side Philosophies
 - a. Historical Background; Differences in the Approaches and Assumptions
 - b. Keynesian Aggregate Expenditure-Aggregate Production Model; Spending and Taxation Multipliers, Keynesian Short Run Horizontal Aggregate Supply Curve
 - c. Supply-side Approach
9. Fiscal Policy & National Budget
 - a. Taxation and Spending: History, Relation to Price Level and Employment, Types of Taxes
 - b. Budgetary Process, Federal and State Revenues and Spending, the Federal Budget, Deficits and Surpluses, Deficit Financing, Relation to Interest Rates and Crowding-Out Effect, National Debt, Discretionary and Non-Discretionary Spending and Automatic Stabilizers
10. Money and Banking and Monetary Policy

- a. Money (Definition, History, Uses, Desirable Properties, Gold Standard, Fiat Money), Money Supply and Monetary Policy
 - b. Federal Reserve Bank: History, Organization, Responsibilities and Setting Monetary Policy and Controlling Money Supply, the Fed's Tools (Discount Rate, Required Reserve Ratio, and Open Market Operations) for Controlling the Money Supply, Money Multiplier
 - c. Equation of Exchange, and the Relationship of Money Supply, Interest Rates and the Average Price Level
11. Economic Stabilization
- a. With the Application of Fiscal Policy
 - b. With the Application of Monetary Policy
 - c. Phillip's Curve
12. International Economics
- a. Comparative Advantage, Opportunity Cost and International Trade, International Free Trade Agreements, Protectionism, Impact of Tariffs, Quotas and Embargos Upon Prices and Availability
 - b. International Exchange Rates, How They are Set, History of, Hard and Soft Currencies, How Exchange Rates Impact International Trade
 - c. International Balance of Payments Statement; Current and Capital Accounts and How They Are Related
 - d. Alternate Economic Systems and International Economic Development: Growth and Development, Per Capita GDP, Infrastructural and Other Obstacles to Development, Vicious Circle of Poverty, Industrially Advanced, Less Developed and Newly Emerging Economies, Role of Technology and Foreign Direct Investment, International Agencies such as IMF, IBRD and the World Bank

Laboratory or Activity Content

None.

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Problem solving exercises
 Skills demonstrations
 Written expression

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Computational homework
 Essay exams
 Essays
 Individual projects
 Objective exams
 Problem-Solving Assignments
 Problem-solving exams
 Quizzes
 Reports/papers
 Skill tests

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations
 Computer-aided presentations
 Collaborative group work
 Class discussions
 Case studies
 Distance Education
 Field trips
 Group discussions
 Guest speakers
 Instructor-guided interpretation and analysis
 Internet research
 Lecture
 Small group activities

Describe specific examples of the methods the instructor will use:

1. Macroeconomic theory supported by macroeconomic data will be presented to the class by the instructor in the form of PowerPoint slides, and visual presentations. This would be accompanied by the instructional lecture, class discussions and further online data and fact explorations as necessary.

2. Either the instructor will provide data or students will be given the opportunity to use the internet to extract and examine BLS and BEA data from Economic Indicators (Government Printing Press), and, discuss these in the classroom in an open discussion, group discussion, or present individual written assessments for open discussion.

3. Students will critically examine the relationship between nominal and real GDP, price trends, calculate real income, debt to GDP ratios, unemployment rates, labor force participation rates, and discuss and compare unemployment trends by gender, age and ethnicity. They may do so in form of individual submissions, or as a small group discussion or a take-home project.

Representative Course Assignments

Writing Assignments

1. Summary and economic analysis of articles such as the ones listed in the sample or reading assignments. The analysis must demonstrate a sound knowledge of macroeconomic principles, a sound ability to apply those principles to real world events as well as critical thinking abilities.
2. A Country Report or a minimum of 1500 words, with proper citations. The report will present and critically examine economic status of more or more economy, with respect to production, prices, employment, international trade and the appropriate fiscal and monetary policies adopted the the economy/ies.
3. Brief issue analyses essays on current Macroeconomic topics and issues based upon research and reading.

Critical Thinking Assignments

1. Students will critically examine macroeconomic situations and the effectiveness of various macroeconomic policies that were adopted to resolve the issues.
2. Students will critically examine the arguments for and against laissez faire, market failure and government failure, as they may apply to specific macroeconomic scenarios, such as free trade vs. protectionism, economic impact of the coronavirus pandemic, or the macroeconomic impact of globalization during peace time or in crises situations.
3. Students will critically examine the merits and demerits of free market, China capitalism, and welfare economies.

Reading Assignments

1. Assigned chapters from the textbook and any supplement.
2. Articles in the Wall Street Journal such as, "Fed's New Role Puts Independence at Risk," by Greg Ip, April 11-12, 2020; "Spending Grows in Virus's Wake," by Tom Fairless and Jason Douglas, April, 13, 2020; "Deficit Widens Among Trade Talks," "Jobs Data, Trade Woes Hit Stocks," and, "Wages Gain, Payrolls Rise As Expansion Rolls Ahead," "Fed Signals Rate Raises, But Sees Trade Risks," (all from 2018) are just a few examples.
3. Articles in the *Economist*, such as, "Special Report:China's Belt and Road," by Dominic Ziegler, February 8-14, 2020; "How Low Can Unemployment Go," and, "What is the Purpose of Tax Reform?," 2017.
4. Federal Reserve Bank Publications on various economic issues-ongoing, historical to latest.

Outside Assignments

Representative Outside Assignments

1. Complete weekly assignments (including problem solving and graphing) for assigned chapters in the publisher-provided learning resource supplement that accompanies the textbook.
2. Attend lectures and presentations on a variety of economic issues.
3. Take an actual or a virtual tour of the Federal Reserve Bank in San Francisco, The Bureau of Engraving and Printing in Washington, D.C., or the Wall Street, etc., or alternatively, watch videos about them and submit a report.

Articulation

C-ID Descriptor Number

ECON 202

Status

Approved

Comparable Courses within the VCCCD

ECON M202H - Honors: MacroEconomics

District General Education**A. Natural Sciences****B. Social and Behavioral Sciences****C. Humanities****D. Language and Rationality****E. Health and Physical Education/Kinesiology****F. Ethnic Studies/Gender Studies****CSU GE-Breadth****Area A: English Language Communication and Critical Thinking****Area B: Scientific Inquiry and Quantitative Reasoning****Area C: Arts and Humanities****Area D: Social Sciences****Area E: Lifelong Learning and Self-Development****CSU Graduation Requirement in U.S. History, Constitution and American Ideals:****IGETC****Area 1: English Communication****Area 2A: Mathematical Concepts & Quantitative Reasoning****Area 3: Arts and Humanities****Area 4: Social and Behavioral Sciences****Area 5: Physical and Biological Sciences****Area 6: Languages Other than English (LOTE)****Textbooks and Lab Manuals****Resource Type**

Textbook

DescriptionSchiller, B.R., (2019). *The Macro Economy Today (Latest)* (15th). McGraw-Hill/Irwin Publication.**Resource Type**

Textbook

DescriptionMcEachern, W.A., (2019). *Econ Macro* (6th). Cengage Publication.**Resource Type**

Textbook

Description

Parkin, M., (2019). *Macroeconomics (Latest)* (13th). Pearson Publication.

Resource Type

Textbook

Description

Hubbard, R. Glenn O'brien, A.P. (2019). *Macroeconomics (Latest)* (7th). Pearson-Prentice Hall Publication.

Resource Type

Textbook

Description

Krugman, P., Wells, R. (2019). *Macroeconomics, in Modules. (Latest)* (4th). Worth Publication.

Resource Type

Other Resource Type

Description

Supplementary assignments such as case studies, and support materials such as resources on the publisher's web site, and homework software such as Connect, MyEconLab or MINDTAP-Aplia.

Resource Type

Other Resource Type

Description

Supplementary assignments such as case studies, and support materials such as resources on the publisher's web site, and homework software such as Connect, MyEconLab or MINDTAP-Aplia.

Resource Type

Other Resource Type

Description

Current and historical data from such sources as the Bureau of Labor Statistics, Bureau of Economic analysis, U.S. Census, among others..

Resource Type

Other Resource Type

Description

"Economic Indicators", a source of current and historical data, published by the Government Accounting Office, Washington, D.C..

Resource Type

Other Resource Type

Description

Articles from the "Wall Street Journal", a daily newspaper specializing in business, economic and political news, published by the Dow Jones Company, New York..

Resource Type

Other Resource Type

Description

Articles on Economic issues from Business Week, a weekly periodical published by McGraw-Hill Companies..

Library Resources

Assignments requiring library resources

Article analyses of articles with strong macroeconomic content from such sources as the Wall Street Journal, The Economist, etc. Country reports and research papers requiring proper citations.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Students will study or comparatively study one or more economies, their current status, and efficacy of applied macroeconomic policies.

Students will select recent articles with macroeconomic content and apply critical and macroeconomic analysis to the articles with appropriate application of terminologies.

Distance Education Addendum

Definitions

Distance Education Modalities

Hybrid (51%–99% online)

Hybrid (1%–50% online)

100% online

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact

Hybrid (1%–50% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	PowerPoint class lectures with or without voice added, with follow up questions that will require responses in the assignment drop box of the LMS.
E-mail	Individualized assistance and consultation on any aspect of the class including but not limited to problem solving, questions from the learning resource supplement, or clarification of a graph or any aspect of a theory that the students have been assigned to study.

Hybrid (51%–99% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	PowerPoint class lectures with or without voice added, with follow up questions that will require responses in the assignment drop box of the LMS.
E-mail	PowerPoint class lectures with or without voice added, with follow up questions that will require responses in the assignment drop box of the LMS.

Asynchronous Dialog (e.g., discussion board)

Students may conduct an ongoing discussion on selected assigned microeconomic terminologies and demonstrate how well they are able to apply these to real world microeconomic situations.

100% online Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	PowerPoint class lectures with or without voice added, with follow up questions that will require responses in the assignment drop box of the LMS.
E-mail	PowerPoint class lectures with or without voice added, with follow up questions that will require responses in the assignment drop box of the LMS.
Asynchronous Dialog (e.g., discussion board)	Students may conduct an ongoing discussion on selected assigned microeconomic terminologies and demonstrate how well they are able to apply these to real world microeconomic situations.
Video Conferencing	Weekly or periodic video conferencing (such as a Zoom conference) through which challenging concepts and theories and other general student concerns may be addressed.

Examinations**Hybrid (1%–50% online) Modality**

Online
On campus

Hybrid (51%–99% online) Modality

Online
On campus

Primary Minimum Qualification

ECONOMICS

Review and Approval Dates**Department Chair**

04/17/2020

Dean

04/17/2020

Technical Review

04/22/2020

Curriculum Committee

04/22/2020

Curriculum Committee

05/13/2020

CCCCO

MM/DD/YYYY

Control Number

CCC000561757

DOE/accreditation approval date

MM/DD/YYYY