

## Econ 251- MACROECONOMICS 3 CREDITS

### SYLLABUS

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#### CATALOG DESCRIPTION

This course covers supply and demand, the danger of price controls, the role of government in free markets, international trade, international finance, currency exchange rates, purchasing power parity, the balance of payments, elements of long-run economic growth, inflation, unemployment, the business cycle, economic models explaining changes in the business cycle, fiscal policy, monetary policy, and the money supply. The application of economics to the financial markets is stressed along with economic indicators.

#### Prerequisites:

Reading 095 or Accuplacer Cutoff **Reading** score of 58-80.

English 099 or Accuplacer Cutoff **English** score of 85 -120.

Math 096 or Accuplacer Cutoff **Math** score greater than 61 Algebra.

Semester Offered: Spring, Summer, Fall

#### **Common Student Learning Outcomes**

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

**1. BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

**2. CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

**3. CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

**4. EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

**5. INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

**6. INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

**7. QUANTITATIVE REASONING**

Students will apply mathematics logically and draw appropriate conclusions.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

# Course Learning Objectives

Upon successful completion of the course, the student will be able to...

## General Learning Objectives:

- I. Illustrate the circular flow model and explain the concepts of opportunity cost, comparative advantage and exchange.
- II. Illustrate and apply knowledge of the laws of supply and demand and equilibrium and use supply and demand curves to analyze responses of markets to external events.
- III. Explain the concepts of gross domestic product and illustrate the concepts of aggregate demand and aggregate supply and to analyze the response of the economy to disturbances.
- IV. Explain inflation and unemployment and show how they are measured and computed.
- V. Describe the determinants of the demand for money, the supply of money and interest rates and the role of financial institutions in the economy.
- VI. Define fiscal policy and monetary policy and explain how the different types of fiscal and monetary policies affect the economy.
- VII. Explain International Trade and how trade restrictions affect the economy.
- VIII. Explain foreign exchange rates and markets and the balance of payments.
- IX. Identify and explain the economic policies leading to greater economic growth and how that growth is measured.
- X. Define and interpret major economic indicators.

Expected Learning Outcomes Upon successful completion of the course, the student will be able to: (related Common Student Learning Outcomes and related Learning Objectives are shown in parenthesis at the end of each outcome)

- A. Diagram the circular flow diagram as it relates to free markets (1), (III).
- B. Draw and explain the Productions Possibilities Curve (1), (I).
- C. Graph demand and supply curves and interpret them (2, 7), (II).
- D. Explain the danger of price controls (2), (II).
- E. Explain the advantages of free international trade. (2), (I, VIII).
- F. Explain how currency exchange rates change using currency supply and demand graphs. (2, 7), (VII).
- G. Explain and interpret the balance of payments. (1), (VII).
- H. List 10 major contributors to Long Run Economic Growth (1), (IX).
- I. Explain 10 economic indicators and their importance in interpreting the economy (1, 2), (X).
- J. Interpret inflation indexes such as the CPI, PPI, and GDP Deflator (2, 7), (IV).
- K. Calculate the unemployment rate and interpret the result (1, 2), (IV).
- L. Explain the movements of the Business Cycle using the Aggregate Demand /Aggregate Supply model and the fiscal and monetary policies affecting it (1, 2, 7) (III, IV).
- M. Explain the money supply and how it expands and contracts and the calculations behind these changes. (2, 7), (V, VI).