

# ECONOMICS (CECO)

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## **CECO 107 Introduction to Economics 3 Credits**

A one-semester survey course designed to introduce students to the fundamental principles and concepts of economics. Topics covered include demand and supply analysis, the function of the markets in the allocation of resources, measuring economic activities in the private as well as in the public sectors, problems such as unemployment, inflation, income distribution and poverty, and domestic and international financial institutions and the working of global market systems.

## **CECO 250 Principles of Economics 3 Credits**

A one-semester introductory course in economics for students in departments which require only one semester of economics. The course focuses on both macro- and microeconomic issues that impact the decision making within the U.S. economy.

## **CECO 251 Principles of Macroeconomics 3 Credits**

A one-semester comprehensive study of the principles which govern production, consumption, and distribution as well as the major institutions in the United States economic system. Prerequisites: Minimum grades of "C" in CMAT 109.

## **CECO 252 Principles of Microeconomics 3 Credits**

A one-semester comprehensive study of the principles which govern production, consumption, and distribution as well as the major institutions in the United States economic system. Prerequisites: Minimum grades of "C" in CMAT 109

## **CECO 308 Mathematical Economics 3 Credits**

Applications to elementary mathematics to economics are covered. This course includes studies in calculus, matrices, and linear difference equations. Mathematical problems used in this course come from the field of economics. Prerequisites: Minimum grades of "C" in CMAT 111 and CMAT 112.

## **CECO 309 Introduction to Econometrics 3 Credits**

The use of mathematical and statistical models in the study of economics relationships is covered in this course. Methods introduced include single equation least squares, analysis of variance, and multi-equation models (offered within the Atlanta University Center). Prerequisites: Minimum grades of "C" in CBUS 313 and CBUS 314.

## **CECO 315 Intermediate Macroeconomic Analysis 3 Credits**

This course examines general theories of aggregate economic analysis. It traces the development and refinement of selected theories through the classical, Marxism, neoclassical, and Keynesian schools. It enables students to analyze unemployment, inflation, business cycles, and other national economic occurrences. Prerequisites: Minimum grade of "C" in CECO 251.

## **CECO 316 Intermediate Microeconomic Analysis 3 Credits**

The theory of the firm, the household, and the market with applications to individual decision-making units are covered in this course. Prerequisites: Minimum grade of "C" in CECO 252.

## **CECO 324 Economic Development 3 Credits**

A study of the characteristics and problems of developed and developing economies. Covers the theory of economic development, stages of growth and development, and data analysis to evaluate development performance. Prerequisites: Minimum grades of "C" in CECO 251 and CECO 252.

## **CECO 335 International Trade 3 Credits**

Application of microeconomic policy to commercial relations between nations. Among the topics covered are the theory of comparative advantage and alternative commercial policies. Prerequisites: Minimum grades of "C" in CECO 251 and CECO 252.

## **CECO 362 Money and Banking 3 Credits**

Examines the alternative theories of money. Explores the relationship of money to prices, the role of financial intermediaries, international monetary problems, and the history of monetary policy in the United States. Prerequisites: Minimum grades of "C" in CECO 251 and CECO 252.

## **CECO 369 Urban Economics 3 Credits**

Examination of three principal themes in the economics of urban areas: (1) the economics of the location decisions and the influence of these decisions on urban growth and the real estate market; (2) evaluation of transportation and other services; and (3) economic development of ghetto neighborhoods. Prerequisites: Minimum grades of "C" in CECO 251 and CECO 252.

## **CECO 500 Advanced Macroeconomic Theory 3 Credits**

An advanced treatment of theories of aggregate economic analysis; addresses critical questions such as determination of national income, employment, distribution of income, inflation, and cyclical behavior. Prerequisite: CECO 315, or consent.

## **CECO 501 Advanced Microeconomic Theory 3 Credits**

Analyzes the theory of consumer behavior and production and the pricing mechanism in competitive and noncompetitive markets. Prerequisite: CECO 316, or consent.

## **CECO 509 Monetary Theory & Policy 3 Credits**

Studies monetary and fiscal policies as mechanisms of aggregate demand management; primary considerations involve the level of prices, interest rate, and aggregate money supply. Prerequisites: CECO 500, consent.

## **CECO 510 Urban Economics 3 Credits**

Explores in detail the structure and growth of urban economy and examines the city as part of the national economy; analyzes theories of decision-making which explain the location of businesses and households within and between urban areas. Prerequisites: CECO 316, 369, or consent.

## **CECO 512 Economic Development 3 Credits**

Studies theories of economic development and investigates relevant economic models and analytical tools for analyzing and gaining understanding of development issues; also discusses policies and contemporary problems of developing countries. Prerequisite: CECO 324, or consent.

## **CECO 550 Math Analysis for Economists I 3 Credits**

Develops skills that translate economic and business problems and relationships into mathematical terms. Prerequisite: CECO 308, or consent.

## **CECO 570 Research Methodology 3 Credits**

Explores theories and methods of scientific research in economics and related social sciences. Steps for problem identification, formulation of testable and meaningful hypotheses and empirical techniques of analysis are studied. Prerequisite: consent.

## **CECO 601 Econometrics I 3 Credits**

Develops concepts and applications of statistical methods to economic and managerial problems, including multiple regression and forecasting, and simultaneous equations. Prerequisite: CECO 600 or consent.

**CECO 602 Econometrics II 3 Credits**

Studies the construction, estimation and testing of economic models.

Prerequisite: CECO 601.