

Course Descriptions

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Below are the outlines of the courses I have worked as a Teaching Assistant at the University of California Davis and Koç University.

University of California Davis

Introduction to Macroeconomics

This course introduces basic macroeconomic concepts: the determination of output, employment, unemployment, interest rates, and inflation. Additionally, this course focus on fiscal and monetary policies.

Textbook: The Principles of Macroeconomics, by Frank, Bernanke, Antonovics, Hefetz, MCGraw Hill, 7th Ed.

Intermediate Macroeconomics

This course is designed to deepen students' understanding of monetary and fiscal policies. During the course, students learn alternative theories regarding the impact of stabilization policies in the short and long run.

Textbook: Macroeconomics, by N. Gregory Mankiw, Worth Publishers, 11th Ed.

Money and Banking

This course describes the conduct of monetary policy, introduces alternative theories regarding the impact of monetary policy, and describes the role and evolution of money, banks, and other financial institutions. This course centers on financial markets and financial intermediaries with special emphasis on the role of the central bank.

Textbook: Frederic S. Mishkin, The Economics of Money, Banking, and Financial Markets, 12th edition, Pearson.

Financial Economics

This course aims to provide a general background and rationale of the corporation. It focuses on finance as resource allocation over time, decision-making under uncertainty and the role of information, capital market and interest rate structure, and financial decisions. Students learn the role taxes play in valuation and gain knowledge

about the bond and stock markets. They also learn how to calculate the net value of various assets using net present value and the expected return of an asset using the CAPM model and the three-factor model. Moreover, students learn about issues affecting the marginal benefits and costs of undertaking a particular corporate investment project.

Textbook: Ivo Welch, *Corporate Finance: 5th Edition*, 2022.

International Macroeconomics

This course focuses on price and distribution theory under conditions of perfect and imperfect competition. General equilibrium and welfare economics

Textbook: Krugman, Obstfeld, and Melitz, *International Economics: Theory and Policy*, 11th Edition, Prentice Hall.

Topics in Macroeconomics

This course focuses on the central topics of Macroeconomics and covers the theory underlying four principal bodies of knowledge that explain the workings of the modern macro-economy. This course aims to apply this theory while exploring the nature and origins of major macroeconomic issues such as inflation, output growth, unemployment, capital accumulation, technological change, economic fluctuations, exchange rates, international trade flows, and international macroeconomic risk.

Textbook: Gregory N. Mankiw, *Macroeconomics*, 7th, 8th, 9th and 10th editions.

Macroeconomic Policy

This course is about macroeconomic policy, focusing on the recent economic crisis. This course aims to answer questions such as: How does monetary policy affect the economy? What is the effect of government spending and tax cuts? What should the government do in the event of a financial crisis?

The course's main objective is to introduce students to the type of models and methods used in current research in macroeconomics, both in the scholarly literature and the practice of central banks and major policy institutions. The current financial crisis and the economic recession of 2007-2009 will illustrate the challenges confronted by macroeconomic analysis. Empirical analyses will complement the understanding some important features of US macro and financial data. At the end of the course, students will be familiar with time series analysis and basic tools of optimization and linearization.

Textbook: Jordi Gali, *Monetary Policy, Inflation and the Business Cycle*, Princeton University Press, 2008 along with Michael Woodford's *Interest and Prices*, Princeton University, 2003.

Koç University

Introduction to Macroeconomics

This course introduces basic macroeconomic concepts: the determination of output, employment, unemployment, interest rates, and inflation. Additionally, this course focus on fiscal and monetary policies.

Textbook: *The Principles of Macroeconomics*, by Frank, Bernanke, Antonovics, Hefetz, MCGraw Hill, 7th Ed.

Industrial Organization

Industrial Organization studies how firms compete or collude in imperfectly competitive markets and how these interactions affect profits and consumer welfare. This course mostly studies the oligopolistic market structure, emphasizing public policy towards such industries' regulation and competition policy.

Textbook: Luis Cabral, "Introduction to Industrial Organization."

Financial Accounting

This course makes an introduction to financial reporting designed to create an awareness of the accounting concepts and principles for preparing the four basic financial statements: the income statement, statement of stockholders' equity, balance sheet, and statement of cash flows. The course is designed to benefit all students who will be future users of accounting information.

Textbook: Jerry J.Weygandt, Paul D. Kimmel and Donald E. Kieso, *Accounting Principles*, John Wiley Sons, Inc., 10thedition, 2011