Survey of Economics | Table of Contents

Chapter 1: Introduction to Economics
1.1 Understanding the Importance of Economics
   ● Evaluate the significance of scarcity
   ● Explain the relationship between production and division of labor
   ● Contrast microeconomics and macroeconomics
1.2 Using Theories and Models
   ● Explain the importance of economic theories and models
   ● Interpret a circular flow diagram
1.3 How Economies Can Be Organized
   ● Contrast traditional economies, command economies, and market economies
   ● Understand the basic relationship between government, regulations, and markets
   ● Assess the importance and effects of globalization

Chapter 2: Choice in a World of Scarcity
2.1 How Individuals Make Choices Based on Their Budget Constraint
   ● Calculate and graph budget constraints
   ● Explain opportunity costs
   ● Define Sunk Costs
   ● Evaluate the law of diminishing marginal utility
2.2 The Production Possibilities Frontier and Social Choices
   ● Explain the law of diminishing returns
   ● Contrast productive efficiency and allocative efficiency
   ● Interpret production possibilities frontier graphs
   ● Explain comparative advantage

Chapter 3: Demand and Supply
3.1 Demand in Markets for Goods and Services
   ● Explain demand, quantity demanded, and the law of demand
   ● Interpret a demand curve
3.2 Supply in Markets for Goods and Services
   ● Explain supply, quantity supplied, and the law of supply
   ● Interpret a supply curve
3.3 Equilibrium in Markets for Goods and Services
   ● Explain equilibrium, equilibrium price, and equilibrium quantity
   ● Define economic surpluses and shortages
3.4 Shifts in Demand for Goods and Services
   ● Define the Ceteris Paribus Assumption
   ● Identify the effects of income on the demand curve
   ● Identify factors that affect the demand curve
   ● Graph shifts in demand
3.5 Shifts in Supply for Goods and Services
• Identify the effects of production costs on the supply curve
• Identify factors that affect the supply curve
• Graph shifts in supply

3.6 Changes in Equilibrium Price and Quantity
• Changes in equilibrium price and quantity
• Graph equilibrium price and quantity

3.7 Price Ceilings and Price Floors
• Explain price ceilings
• Explain price floors

3.8 Demand Supply and Efficiency
• Contrast consumer surplus, producer surplus, and social surplus
• Analyze demand and supply as a social adjustment mechanism
• Explain why price floors and price ceilings can be inefficient

Chapter 4: Introduction to Labor and Financial Markets
4.1 Demand and Supply at Work in Labor Markets
• Analyze examples of equilibrium in the labor market
• Identify factors that shift labor demand
• Identify factors that shift labor supply

4.2 Demand and Supply in Financial Markets
• Explain how interest rates can affect supply and demand
• Explain equilibrium in the financial market
• Define intertemporal decision making

4.3 Effects of Price Controls in the Labor Market
• Explain the role of price ceilings and usury laws in the U.S.
• Apply demand and supply models to analyze prices and quantities
• Explain the effects of price controls on the equilibrium of prices and quantities

Chapter 5: Elasticity
5.1 Price Elasticity of Demand and Price Elasticity of Supply
• Define elasticity
• Calculate price elasticity of demand
• Calculate price elasticity of supply

5.2 Polar Cases of Elasticity and Constant Elasticity
• Explain infinite elasticity
• Explain zero elasticity
• Analyze constant unitary elasticity

5.3 Elasticity and Pricing
• Analyze how price elasticities impact revenue
• Explain the effects of elasticity on tax incidence

5.4 Elasticity in Areas Other Than Price
• Calculate the income elasticity of demand
• Calculate the cross-price elasticity of demand
• Analyze elasticity in labor and financial capital markets
Select and apply formulas to calculate elasticity

Chapter 6: Consumer Choices

6.1 Consumption Choices
- Understand the concept of total utility
- Explain marginal utility
- Derive the market demand curve from the demand curves of individuals
- Explain the concept of maximizing utility

6.2 How Changes in Income and Prices Affect Consumption Choices
- Contrast the substitution effect and the income effect
- Interpret the indifference curve

Chapter 7: Cost and Industry Structure

7.1 Introduction to Cost and Industry Structure
- Define firm and outline the scope of production
- Explain and calculate explicit and implicit costs

7.2 The Structure of Costs in the Short Run
- Differentiate between fixed costs and variable costs
- Analyze short-run costs
- Understand average total cost, average variable cost, marginal cost

7.3 The Structure of Costs in the Long Run
- Define production technologies
- Explain economies of scale, diseconomies of scale, and constant returns to scale
- Describe implications of the long-run average cost curve on the size and number of firms in an industry

Chapter 8: Perfect Competition

8.1 Introduction to Perfect Competition
- Explain the characteristics of a perfectly competitive market
- Describe how perfectly competitive firms react in the short run

8.2 How Perfectly Competitive Firms Make Output Decisions
- Identify profits and losses with the average cost curve
- Calculate marginal revenue and interpret a marginal revenue curve
- Calculate profits by comparing total revenue and total cost
- Explain shutdown point

8.3 Perfectly Competitive Markets in the Long Run
- Explain why firms enter and exit the market
- Discuss the long-run adjustment process
- Apply concepts of efficiency to perfectly competitive markets

Chapter 9: Monopolies

9.1 How Monopolies Form Barriers to Entry
- Explain the characteristics of a monopoly
- Analyze how monopoly promotes innovation
• Analyze demand in a monopoly

9.2 The Inefficiency of Monopoly
• Determine total cost and total revenue for a monopolist
• Calculate marginal revenue and marginal cost for a monopoly
• Explain efficiency in a monopoly

Chapter 10: Monopolistic Competition and Oligopoly
10.1 Monopolistic Competition
• Define monopolistic competition
• Analyze the demand curve for a monopolistic competitor
• Analyze profit-maximization in monopolistic competition
• Discuss entry, exit, and efficiency in monopolistic competition
10.2 Differentiated Products
• Explain the consequences of variety and product differentiation
• Discuss the possible effects of advertising on competition, price, and output
10.3 Oligopoly and Theories of Oligopoly Behavior
• Explain the main characteristics of oligopoly
• Explain the collusion model of oligopoly
• Discuss how game theory can be used to understand the behavior of firms in an oligopoly

Chapter 11: Monopoly and Antitrust Policy
11.1 Corporate Mergers
• Explain antitrust law
• Calculate concentration ratios
• Calculate the Herfindahl-Hirschman Index
• Evaluate methods of antitrust regulation
11.2 Regulating Anticompetitive Behavior
• Explain tying sales, bundling, and predatory pricing
• Evaluate a real-world situation of possible anticompetitive and restrictive practices
11.3 Regulating Natural Monopolies
• Evaluate the appropriate competition policy for a natural monopoly
• Interpret a graph of regulatory choices
• Contrast cost plus and price cap regulation
• Evaluate the effectiveness of price regulation and antitrust policy

Chapter 12: Environmental Protection and Negative Externalities
12.1 The Economics of Pollution
• Define externalities
• Discuss examples of positive externalities
• Discuss examples of negative externalities
• Evaluate how firms can contribute to market failure
12.2 Command-and-Control Regulation
• Explain command and control regulation
• Evaluate the effectiveness of command and control regulation
12.3 Market-Oriented Environmental Tools
- Show how pollution charges impact firm decisions
- Suggest other laws and regulations that could fall under pollution charges
- Explain the significance of marketable permits and property rights
- Evaluate which policies are most appropriate for various situations

12.4 The Benefits and Costs of U.S. Environmental Laws
- Evaluate the benefits and costs of environmental protection
- Apply marginal analysis to illustrate the marginal costs and marginal benefits of reducing pollution

12.5 International Environmental Issues
- Analyze the partnership of high income and low income countries in efforts to address international externalities
- Apply the production possibility frontier to evaluate the tradeoff between economic output and the environment
- Interpret a graphic representation of the tradeoff between economic output and environmental protection

Chapter 13: Positive Externalities and Public Goods
13.1 Public Goods
- Identify a public good
- Explain the free rider problem
- Identify several sources of public goods

13.2 Why the Private Sector Under Invests in Innovation
- Identify the positive externalities of new technology
- Explain the difference between private benefits and social benefits and give examples of each
- Calculate and analyze rates of return

Chapter 14: Inequality, Poverty, and Discrimination
14.1 Earnings and Discrimination
- Explain economic inequality and how the poverty line is determined
- Explain the arguments for and against government intervention in a market economy
- Explain the impact of discrimination in a competitive market
- Identify U.S. public policies designed to reduce discrimination

Chapter 15: The Macroeconomic Perspective
15.1 Measuring the Size of the Economy
- Define Gross Domestic Product
- Measure GDP using the income approach
- Measure GDP using the expenditures approach
- Measure GDP using the output approach
- Understand the problem of double counting

15.2 Implications of GDP
- Understand Gross National Product
- Differentiate between nominal GDP and real GDP
Understand tracking real GDP over time

**Chapter 16: Economic Growth**

16.1 Labor Productivity and Economic Growth
- Explain the conditions that have allowed for modern economic growth in the last two centuries
- Identify factors that affect labor productivity
- Analyze the sources of economic growth using the aggregate production function

16.2 Components of Economic Growth
- Discuss the components of economic growth
- Identify factors that contribute to a healthy climate for economic growth

**Chapter 17: Unemployment**

17.1 Unemployment
- Define employed, unemployed, and labor force
- Calculate the unemployment rate and understand the labor force percentage
- Explain types of unemployment
- Evaluate the collection and interpretation of unemployment data
- Understand government policies to reduce unemployment

**Chapter 18: Inflation**

18.1 Inflation
- Calculate the annual rate of inflation
- Use the Consumer Price Index to calculate inflation rates
- Differentiate among the Consumer Price Index, the Producer Price Index, and the GDP deflator
- Identify patterns of inflation for the United States
- Explain the economic challenges of inflation

**Chapter 19: The International Trade and Capital Flows**

19.1 The International Trade and Capital Flows
- Identify components of current account balance
- Explain balanced trade in terms of investment and capital flows
- Identify and calculate supply and demand for financial capital
- Predict the effect of savings and investments on a nation's balance of trade
- Identify the advantages and disadvantages of trade deficits and surpluses

**Chapter 20: The Aggregate Demand/Aggregate Supply Model**

20.1 Macroeconomic Perspectives on Demand and Supply
- Explain Keynes' Law and determine whether it applies in the short run or the long run
- Explain Say's Law and determine whether it applies in the short run or the long run

20.2 Building a Model of Aggregate Demand and Aggregate Supply
- Explain the aggregate supply curve
- Explain the aggregate demand curve
- Identify the point of equilibrium in the aggregate demand/aggregate supply model
20.3 Shifts in Aggregate Supply and Aggregate Demand
- Explain how aggregate supply can shift
- Evaluate why economists disagree on the topic of tax cuts
- Explain how unemployment and inflation impact the aggregate demand/aggregate supply model
- Recognize the neoclassical zone, the intermediate zone, and the Keynesian zone in the aggregate demand aggregate supply model

Chapter 21: The Keynesian Perspective
21.1 Aggregate Demand in Keynesian Analysis
- Identify recessionary gaps and inflationary gaps on the Keynesian AD/AS model
- Identify the determining factors of both consumption expenditure and investment expenditure
- Analyze the factors that determine government spending and net exports
21.2 The Building Blocks of Keynesian Analysis
- Evaluate the Keynesian view of recessions
- Understand the factors that contribute to price stickiness
- Analyze the impact of the expenditure multiplier
21.3 The Phillips Curve
- Understand the Phillips curve
- Identify factors that cause the instability of the Phillips curve

Chapter 22: The Neoclassical Perspective
22.1 The Building Blocks of Neoclassical Analysis
- Explain the importance of potential GDP in the long run
- Analyze the role of flexible prices
22.2 The Policy Implications of the Neoclassical Perspective
- Analyze the impacts of fiscal policy and monetary policy on aggregate supply and aggregate demand
- Explain the neoclassical Phillips curve
- Explain the differences between neoclassical economics and Keynesian economics
22.3 Balancing Keynesian and Neoclassical Models
- Evaluate how neoclassical economists and Keynesian economists react to recessions
- Analyze the interrelationship between the neoclassical and Keynesian economic models

Chapter 23: Money and Banking
23.1 Defining Money by Its Functions
- Explain the various functions of money
- Contrast commodity money and fiat money
- Contrast M1 money supply and M2 money supply
23.2 The Role of Banks and How Banks Create Money
- Explain how banks act as intermediaries between savers and borrowers
- Understand the money multiplier formula
- Analyze and create T-account balance sheets
Chapter 24: Monetary Policy and Bank Regulation
24.1 Bank Regulation and Monetary Policy
- Explain the structure and organization of the U.S. Federal Reserve
- Explain the functions of a central bank
- Discuss the purpose of bank regulation

24.2 How a Central Bank Executes Monetary Policy
- Explain the reason for open market operations
- Evaluate reserve requirements and discount rates

24.3 Monetary Policy and Economic Outcomes
- Explain how monetary policy impacts interest rates and aggregate demand
- Evaluate Federal Reserve decisions over the last forty years
- Explain the significance of quantitative easing (QE)
- Understand the velocity of money

Chapter 25: Exchange Rates and International Capital Flows
25.1 How the Foreign Exchange Market Works
- Define the foreign exchange market
- Identify demanders and suppliers of currency
- Explain how the appreciating or depreciating of currency affects exchange rates

25.2 Demand and Supply Shifts in Foreign Exchange Markets
- Explain supply and demand for exchange rates
- Define arbitrage
- Explain relative inflation
- Explain purchasing power parity's importance when comparing countries

25.3 Macroeconomic Effects of Exchange Rates and Policies
- Explain how exchange rate shifting influences aggregate demand
- Define the various types of exchange rate systems

Chapter 26: Government Budgets and Fiscal Policy
26.1 Government Spending
- Understand total U.S. government spending
- Understand state and local government spending

26.2 Taxation
- Define federal taxes
- Define state and local taxes

26.3 Federal Deficits and the National Debt
- Explain the debt / GDP ratio
- Explain the path from deficits to surpluses to deficits

26.4 Using Fiscal Policy to Fight Recession, Unemployment, and Inflation
- Explain expansionary fiscal policy
- Explain contractionary fiscal policy
- Explain how to counterbalance recession and boom
Chapter 27: Macroeconomic Policy Around the World

27.1 Causes of Inflation and the Balance of Trade Concerns
- Identify the causes and effects of inflation in various economic markets
- Analyze concerns over international trade in goods and services and international flows of capital

Chapter 28: International Trade

28.1 Absolute and Comparative Advantage
- Explain gains from trade
- Understand production possibilities and comparative advantage
- Identify situations of mutually beneficial trade

Chapter 29: Globalization and Protectionism

29.1 Protectionism An Indirect Subsidy from Consumers to Producers
- Explain protectionism and its three main forms
- Analyze protectionism through concepts of demand and supply, noting its effects on equilibrium
- Calculate the effects of trade barriers

Chapter 30: Issues in Labor Markets

30.1 Unions
- Evaluate arguments for and against labor unions
- Analyze reasons for the decline in U.S. union membership

30.2 Immigration
- Analyze historical patterns of immigration
- Explain economic effects of immigration
- Evaluate notable proposals for immigration reform

Chapter 31: Information, Risk, and Insurance

31.1 The Problem of Imperfect Information and Asymmetric Information
- Identify ways to reduce the risk of imperfect information
- Explain how imperfect information can affect price, quantity, and quality
- Explain how insurance works
- Discuss the problems caused by moral hazard and adverse selection

Chapter 32: Public Economy

32.1 Flaws in the Democratic System of Government
- Assess the median voter theory
- Explain the voting cycle
- Analyze the interrelationship between markets and government