MICROECONOMICS IN CONTEXT

FIFTH EDITION

By Neva Goodwin, Jonathan M. Harris, Julie A. Nelson, Pratistha Joshi Rajkarnikar, Brian Roach, and Mariano Torras

CONTENTS

Part I: The Context for Economic Analysis

Chapter 0: Microeconomics and Well-Being

Chapter 1: Economic Activity in Context

- 1. Our Starting Point
- 2. The Goals of an Economy
 - 2.1 Intermediate, Final Goals, and Externalities
 - 2.2 Traditional Economic Goals
 - 2.3 The Goal of Well-Being
- 3. The Issues That Define Economics
 - 3.1 The Four Essential Economic Activities
 - 3.2 The Three Basic Economic Questions
- 4. Economic Tradeoffs
 - 4.1 Society's Production Possibilities Frontier
 - 4.2 Tradeoffs Over Time
- 5. Microeconomics in Context
 - 5.1 The Traditional Economic Model
 - 5.2 The Contextual Approach

Chapter 2: Markets and Society

- 1. The Three Spheres of Economic Activity
 - 1.1 The Core Sphere
 - 1.2 The Public Purpose Sphere
 - 1.3 The Business Sphere
 - 1.4 The Size of the Three Spheres
 - 1.5 The Informal Sphere and Less Industrialized Countries
- 2. The Role of Markets
 - 2.1 Three Definitions of Markets
 - 2.2 Institutional Requirements of Markets
- 3. Types of Markets
 - 3.1 Markets Defined by What Is Sold

- 3.2 Markets Defined by How Prices Are Determined
- 4. Advantages and Limitations of Markets
 - 4.1 Overview of Advantages and Disadvantages of Markets
 - 4.2 Assessing Market Outcomes

Part II: Basic Economic Analysis

Chapter 3: Supply and Demand

- 1. Introduction to the Microeconomic Market Model
- 2. The Theory of Supply
 - 2.1 The Supply Schedule and Supply Curve
 - 2.2 Changes in Supply
 - 2.3 Nonprice Determinants of Supply
- 3. The Theory of Demand
 - 3.1 The Demand Schedule and Demand Curve
 - 3.2 Changes in Demand
 - 3.3 Nonprice Determinants of Demand
- 4. The Theory of Market Adjustment
 - 4.1 Surplus, Shortage, and Equilibrium
 - 4.2 Market Forces and Other Considerations
 - 4.3 Shifts in Supply and Demand
- 5. Topics in Market Analysis
 - 5.1 Real-World Prices
 - 5.2 Markets and Equity
 - 5.3 Precision Versus Accuracy

Chapter 4: Elasticity

- 1. The Price Elasticity of Demand
 - 1.1 Price Inelastic Demand
 - 1.2 Price Elastic Demand
 - 1.3 Measuring Price Elasticity
 - 1.4 Two Extreme Cases
 - 1.5 Demand Curves and Elasticity
 - 1.6 Elasticity and Revenues
 - 1.7 Price Elasticity of Demand in the Real World
- 2. The Price Elasticity of Supply
- 3. Income Elasticity of Demand
- 4. Income and Substitution Effects of a Price Change
- 5. Short-Run Versus Long-Run Elasticity

Chapter 5: Welfare Analysis

- 1. Welfare Economics
- 2. Consumer Surplus

- 2.1 Quantifying Consumer Benefits
- 2.2 Consumer Surplus and Demand Curves
- 2.3 Consumer Surplus in an Entire Market
- 3. Producer Surplus
 - 3.1 Quantifying Producer Benefits
 - 3.2 Producer Surplus and Supply Curves
 - 3.3 Producer Surplus in an Entire Market
- 4. Social Efficiency
 - 4.1 Market Equilibrium and Social Efficiency
 - 4.2 Price Ceilings
 - 4.3 Price Floors
- 5. Policy Inferences from Welfare Analysis
 - 5.1 Laissez-Faire Economics
 - 5.2 Market Failure

Chapter 6: International Trade and Trade Policy

- 1. Gains from Trade
 - 1.1 The Theory of Comparative Advantage
 - 1.2 Factor-Price Equalization
 - 1.3 Other Benefits of Free Trade
- 2. Drawbacks of Free Trade
 - 2.1 Vulnerability and Lock-In
 - 2.2 Power Differentials
 - 2.3 Trade and the Environment
 - 2.4 Inequality and Other Social Impacts of Trade
- 3. Globalization and Policy
 - 3.1 Globalization Data and Trends
 - 3.2 National Trade Policies
 - 3.3 International Trade Agreements
- 4. Conclusion: Free Trade and Fair Trade

Appendix: A Formal Theory of Gains from Trade

Part III: Economics and Society

Chapter 7: Economic Behavior and Rationality

- 1. Historical Perspectives on Economic Behavior
- 2. Behavioral Economics
 - 2.1 The Role of Context in Economic Decisions
 - 2.2 The Role of Time in Economic Decisions
 - 2.3 The Role of Emotions in Economic Decisions
 - 2.4 The Role of Influential Factors
 - 2.5 Selfishness and Altruism
 - 2.6 Insights from Neuroeconomics
- 3. Economic Behavior in Contextual Economics

- 3.1 Alternatives to Maximizing Behavior
- 3.2 The Model of Economic Behavior in Contextual Economics
- 4. Policy Inferences from our Model of Economic Behavior
 - 4.1 Predictable Irrationality and Nudges
 - 4.2 Government Policy Examples
 - 4.3 Concluding Thoughts

Chapter 8: Consumption and Consumer Society

- 1. Economic Theory and Consumption
 - 1.1 Consumer Sovereignty
 - 1.2 The Budget Line
 - 1.3 Consumer Utility
 - 1.4 Limitations of the Standard Consumer Model
- 2. Consumption in Historical and International Context
 - 2.1 A Brief History of Consumer Society
 - 2.2 Limits to Modern Consumerism
- 3. Consumption in a Social Context
 - 3.1 Social Comparisons
 - 3.2 Advertising
 - 3.3 Private Versus Public Consumption
- 4. Consumption in an Environmental Context
 - 4.1 The Link Between Consumption and the Environment
 - 4.2 Green Consumerism
- 5. Consumption and Well-Being
 - 5.1 Does Money Buy Happiness?
 - 5.2 Affluenza and Voluntary Simplicity
 - 5.3 Consumption and Public Policy
- Appendix: A Formal Theory of Consumer Behavior

Chapter 9: Markets for Labor

- 1. Economic Theory of Labor Markets
 - 1.1 The Firm's Decision to Hire Labor
 - 1.2 The Individual's Decision to Supply Labor
 - 1.3 The Individual Supply Curve for Labor
 - 1.4 The Market Supply Curve for Labor
 - 1.5 Market Demand Curves
 - 1.6 Market Adjustment
- 2. Explaining Variations in Wages
 - 2.1 Wage Variations in the Neoclassical Labor Model
 - 2.2 Social Norms, Bargaining Power, and Labor Unions
 - 2.3 Efficiency Wages and Dual Labor Markets
 - 2.4 Discrimination
- 3. Contemporary Labor Issues and Policies
 - 3.1 Labor Force Participation Rates

- 3.2 Labor Market Flexibility
- 3.3 Labor Markets and Immigration
- 3.4 Cooperatives
- 3.5 Work/Life Balance
- 3.5 Labor Markets, Inequality, and Power
- Appendix: A Formal Model of a Firm's Hiring Decision

Part IV: Essential Topics for Contemporary Economics

Chapter 10: Economic and Social Inequality

- 1. Defining and Measuring Inequality
 - 1.1 Inequality of What?
 - 1.2 Measuring Inequality
- 2. Inequality Data and Trends in the United States
 - 2.1 Income Inequality Over Time in the United States
 - 2.2 Wealth Inequality
 - 2.3 Further Perspectives on Inequality
 - 2.4 Economic Mobility
- 3. International Data on Inequality
 - 3.1 Cross-Country Comparisons
 - 3.2 Global Inequality
- 4. Causes and Consequences of Inequality
 - 4.1 Causes of Inequality
 - 4.2 Inequality and Economic Growth
- 5. Responding to Inequality
 - 5.1 Tax and Transfer Policies
 - 5.2 Minimum Wage Policies
 - 5.3 Public Spending and Regulatory Policies
 - 5.4 Addressing Inequality in Developing and Transitional Countries
 - 5.5 Concluding Thoughts

Chapter 11: Taxes and Tax Policy

- 1. Economic Theory and Taxes
 - 1.1 Taxes in the Supply-and-Demand Model
 - 1.2 Tax Revenues
 - 1.3 Welfare Analysis of Taxation
- 2. The Structure of Taxation in the United States
 - 2.1 Federal Income Taxes
 - 2.2 Federal Social Insurance Taxes
 - 2.4 Federal Corporate Taxes
 - 2.5 Other Federal Taxes
 - 2.6 State and Local Taxes
- 3. International Tax Systems
 - 3.1 Additional Types of Taxes

- 3.2 International Data on Taxes
- 4. Tax Policy Issues
 - 4.1 Tax Progressivity
 - 4.2 Taxation and Economic Growth

Chapter 12: The Economics of the Environment

- 1. The Theory of Externalities
 - 1.1 Negative Externalities in the Supply-and-Demand Model
 - 1.2 Internalizing Negative Externalities
 - 1.3 Positive Externalities
 - 1.4 Policy Implications of Externalities
- 2. Valuing the Environment
 - 2.1 Total Economic Value
 - 2.2 Nonmarket Valuation Methodologies
 - 2.3 Cost-Benefit Analysis
- 3. Environmental Policies in Practice
 - 3.1 Policy Options
 - 3.2 Design and Performance of Environmental Policies

Appendix: Formal Analysis of Negative Externalities

Chapter 13: Common Property Resources and Public Goods

- 1. Goods Other Than Private Goods
- 2. Artificially Scarce Goods
- 3. Common Property Resources
 - 3.1 Modeling a Common Property Resource
 - 3.2 Policies for Common Property Resource Management
- 4. Public Goods
- 5. Climate Change
 - 5.1 Climate Change Data
 - 5.2 Economic Analysis of Climate Change
 - 5.3 Climate Change Policy
 - 5.4 Economics of Renewable Energy

Part V: Resources, Production, and Market Organization

Chapter 14: Capital Stocks and Resource Management

- 1. Capital Stocks
 - 1.1 Stocks Versus Flows
 - 1.2 The Five Types of Natural Capital
- 2. Natural Capital
 - 2.1 Renewable and Nonrenewable Natural Capital
 - 2.2 Natural Capital and Sustainability
- 3. Manufactured Capital

- 3.1 Fixed Manufactured Capital
- 3.2 Inventories
- 3.3 Manufactured Capital in the Core and Public Purpose Spheres
- 4. Human Capital
 - 4.1 Physical Human Capital
 - 4.2 Intangible Human Capital
- 5. Social Capital
- 6. Financial Capital
 - 6.1 Equity Finance
 - 6.2 Debt Finance
- 7. Sustaining Capital Stocks

Chapter 15: Production Costs

- 1. An Overview of Production
 - 1.1 The Goals of Production
 - 1.2 An Economic Perspective on Production
- 2. Types of Production Costs
 - 2.1 Fixed Versus Variable Costs
 - 2.2 Accounting Versus Economic Costs
 - 2.3 Private Versus External Costs
- 3. The Production Function
 - 3.1 Thinking About Inputs and Outputs
 - 3.2 Graphing Production Functions
 - 3.3 Production in the Short Run
- 4. Production Costs
 - 4.1 Production Costs in the Short Run
 - 4.2 Production Costs in the Long Run
 - 4.3 Production Process Choice

Chapter 16: Perfectly Competitive Markets

- 1. Understanding Market Power and Competition
 - 1.1 The Business Perspective on Competition and Market Power
 - 1.2 The Consumer Perspective on Competition and Market Power
 - 1.3 The Citizen Perspective on Competition and Market Power
 - 1.4 The Economists' Perspective on Competition and Market Power
- 2. Perfect Competition
 - 2.1 The Conditions of Perfect Competition
 - 2.2 Examples of Perfect Competition?
- 3. Profit Maximization Under Perfect Competition
 - 3.1 Revenues
 - 3.2 Profit Maximization Example
 - 3.3 Profits Under Perfect Competition
- 4. Losses and Exit

- 4.1 Losses in the Short Run
- 4.2 Losses in the Long Run
- 5. Production, Efficiency, and Equity
 - 5.1 Perfectly Competitive Markets and Policy
 - 5.2 Do Firms Actually Maximize their Profits?
- Appendix: A Formal Model of Perfect Competition

Chapter 17: Markets with Market Power

- 1. The Traditional Models
- 2. Pure Monopoly: One Seller
 - 2.1 The Conditions of Monopoly
 - 2.2 Examples of Monopoly
 - 2.3 Profit Maximization for a Monopolist
 - 2.4 Monopoly and Inefficiency
 - 2.5 Can Monopoly Be Efficient?
- 3. Monopolistic Competition
 - 3.1 The Conditions of Monopolistic Competition
 - 3.2 Examples of Monopolistic Competition
 - 3.3 Profit Maximization with Monopolistic Competition
 - 3.4 Monopolistic Competition and Long-Run Efficiency
- 4. Oligopoly
 - 4.1 Market Structure of an Oligopolistic Industry
 - 4.2 Oligopoly and the Behavior of Firms
 - 4.3 Examples of Oligopoly
- 5. Market Power, Well-Being, and Politics
 - 5.1 Market Concentration and Politics
 - 5.2 Final Thoughts

Appendix: Formal Analysis of Monopoly and Monopolistic Competition