

BRIEF CONTENTS

Preface	page xiii	
Acknowledgments	xv	
CHAPTER 1	Introducing the Global Economy	1
CHAPTER 2	The Gains from Trade	9
CHAPTER 3	Exploring the Gains from Trade	31
CHAPTER 4	Trade and Comparative Advantage	48
CHAPTER 5	Factor Endowments and Trade	71
CHAPTER 6	International Factor Mobility	97
CHAPTER 7	Firms and Trade: Economies of Scale and Product Variety	121
CHAPTER 8	Trade Policy Analysis	147
CHAPTER 9	Arguments for Trade Intervention	176
CHAPTER 10	Trade Politics, Trade Agreements, and Trade Laws	203
References		230
Index		234

DETAILED CONTENTS

Preface	page xiii
Acknowledgments	xv
CHAPTER 1 Introducing the Global Economy	1
Learning Objectives	1
Introduction	1
1.1 Thinking about Trade	2
Lower Trade Barriers	4
Lower Transport Costs	4
1.2 The Growth of International Finance	5
Growing Trade Interconnectedness	5
The End of the Fixed Exchange Rate System and the Rise of Financial Openness	6
Conclusion	7
Key Concepts	7
Review Questions	8
Recommended Resources	8
CHAPTER 2 The Gains from Trade	9
Learning Objectives	9
Introduction	9
2.1 Autarky	10
The Production Possibility Frontier	10
Indifference Curves	12
The Budget Constraint	13
2.2 Competitive Equilibrium under Autarky	14
Maximizing Consumer Utility	15
Competitive Equilibrium	15
2.3 Competitive Equilibrium with Trade	17
Production and Trade	18
Consumption and Trade	18
The Gains from Trade	19
In Practice The Natural Propensity to Trade	20
2.4 Empirical Evidence on Trade and Income	21
2.5 Trade in Partial Equilibrium	21
Import Demand	22
Export Supply	23
The Trade Equilibrium	23
Producer and Consumer Surpluses	25
Application China in World Trade	25

viii	DETAILED CONTENTS	
	Conclusion	27
	Summary	27
	Key Concepts	28
	Review Questions	28
	Exercises	28
	Recommended Resources	30
	CHAPTER 3 Exploring the Gains from Trade	31
	Learning Objectives	31
	Introduction	31
	3.1 Quick Review	32
	Mercantilism	32
	Jobs	33
	Balanced Trade	33
	3.2 The Terms of Trade	34
	In Practice The Terms of Trade	35
	3.3 Static versus Dynamic Gains from Trade	37
	Application Shoguns, Embargoes, Canals, and Blockades – What Past Attempts to Stop Trade Have Taught Us	38
	3.4 Does Everyone Benefit from Trade?	41
	The Pareto Test and Compensation	41
	The Utility Possibility Frontier under Autarky	42
	The Utility Possibility Frontier with Trade	44
	Pareto Improvement with Dynamic Gains from Trade	44
	Conclusion	45
	Summary	45
	Key Concepts	46
	Review Questions	46
	Exercises	46
	Recommended Resources	47
	CHAPTER 4 Trade and Comparative Advantage	48
	Learning Objectives	48
	Introduction	48
	4.1 Absolute versus Comparative Advantage	49
	Comparative Advantage, Illustrated	49
	Opportunity Cost	50
	Autarky Production	51
	4.2 Comparative Advantage and the Gains from Trade	53
	In Practice Absolute versus Comparative Advantage: United States–Japan	55
	4.3 What Determines the Terms of Trade?	56
	4.4 Wages and Productivity	57
	Evidence on Productivity and Wages	59
	In Practice Are Countries in Competition with One Another?	61
	4.5 The Multi-Good Ricardo Model	62
	Application Nike and Athletic Shoe Production	65
	Conclusion	67

DETAILED CONTENTS	ix
Summary	67
Key Concepts	67
Review Questions	67
Exercises	68
Recommended Resources	70
CHAPTER 5 Factor Endowments and Trade	71
Learning Objectives	71
Introduction	71
5.1 The Specific Factors Model	72
Output as a Function of Capital	72
Deriving the Production Possibility Frontier	74
How Factors Affect the Production Possibility Frontier	75
5.2 Income Distribution in the Specific Factor Model	75
Income Distribution	77
Impact of Price Change	78
Impact of a Change in Productivity	80
Impact of Changes in Specific Factors	80
Theory Ricardo's Version of the Specific Factor Model	81
5.3 The Mobile Factors Model	81
The Allocation of Production Factors	82
Pattern of Trade	83
5.4 Income Distribution in the Mobile Factors Model	85
Trade a Pareto Improvement?	86
5.5 Evidence on Trade and Factor Endowments	86
5.6 Evidence on Trade and Income Distribution	88
Application Does Labor Behave as a Specific or a Mobile Factor?	91
Conclusion	93
Summary	94
Key Concepts	94
Review Questions	94
Exercises	95
Recommended Resources	95
CHAPTER 6 International Factor Mobility	97
Learning Objectives	97
Introduction	97
6.1 The Gains from International Labor Mobility	98
Modeling the Effects of Labor Mobility	99
6.2 The Gains from International Capital and Technology Mobility	101
Capital Mobility	101
Technology Mobility	103
6.3 International Labor and Technology Mobility in the Ricardo Model	104
Technology Mobility	105
Labor Mobility	106
Theory Mill on Factor Mobility and Comparative Advantage	109

x	DETAILED CONTENTS	
6.4	International Labor and Capital Mobility in the Specific Factors Model	109
	Capital Mobility	109
	Labor Mobility	111
6.5	International Factor Mobility in the Mobile Factors Model	112
6.6	Empirical Evidence on Immigration and Wages	114
	Application The Reunification of Germany	116
	Conclusion	118
	Summary	118
	Key Concepts	118
	Review Questions	118
	Exercises	119
	Recommended Resources	119
CHAPTER 7	Firms and Trade: Economies of Scale and Product Variety	121
	Learning Objectives	121
	Introduction	121
7.1	Monopolistic Competition	122
	Product Differentiation and Economies of Scale	122
	The Model	123
	In Practice Monopolistic Competition in Action	125
7.2	Monopolistic Competition and Trade	126
	The Market-Size Effect	126
	The Within-Market Effect	127
	Autarky Equilibrium and Trade	128
	The Shakeout Effect	129
7.3	Variety Gains from Trade for Consumers	131
	Empirical Findings	133
7.4	Firms in International Trade	133
	Exporting Firms	134
	Import-competing Firms	135
	Empirical Evidence	138
	Application The US Textile Industry	139
	Conclusion	140
	Summary	141
	Key Concepts	141
	Review Questions	141
	Exercises	142
	Recommended Resources	142
Appendix 7.A	Monopolistic Competition: An Alternative Approach	144
CHAPTER 8	Trade Policy Analysis	147
	Learning Objectives	147
	Introduction	147
8.1	Import Tariffs in Partial Equilibrium	148
	Impact on Resource Allocation	149
	In Practice Tariff Engineering	150
	Impact on Economic Welfare	150

DETAILED CONTENTS	xi
Equivalency of Trade Policy and Domestic Policies	152
A Tariff's Impact on Economic Welfare	153
Effective Rate of Protection	154
Application The Trump Trade Tariffs	155
8.2 Import Quotas	157
The Non-Equivalence of Tariffs and Quotas	159
8.3 Export Subsidies and Taxes	161
Export Subsidies	162
Export Tax	164
8.4 Import Tariff in General Equilibrium	165
Production and National Income	166
Consumption	167
Export Tax in General Equilibrium	168
8.5 Empirical Evidence on Trade Barriers	170
Conclusion	173
Summary	173
Key Concepts	173
Review Questions	173
Exercises	174
Recommended Resources	175
CHAPTER 9 Arguments for Trade Intervention	176
Learning Objectives	176
Introduction	176
9.1 The Terms of Trade Argument for Export Taxes	177
Export Supply and Import Demand	178
OPEC Welfare	179
Theory The Formula for the Optimal Tariff	180
Rest-of-World Welfare	180
Terms of Trade and Import Tariffs	181
Empirical Evidence	182
9.2 Second-Best Arguments for Protection	183
Tariffs for Revenue	183
Tariffs to Increase Employment	184
Tariffs to Correct Externalities	184
Non-Economic Objectives	186
9.3 Infant Industry Protection	187
In Practice Infant Industry Policies	190
9.4 Export Subsidies and Strategic Trade Policy	191
Export Subsidies and the Large Country Case	192
Strategic Trade Policy	193
In Practice Mercantilism as Strategic Trade Policy	196
Application China's Industrial Policies	196
Conclusion	198
Summary	199
Key Concepts	199
Review Questions	199

xii	DETAILED CONTENTS	
	Exercises	200
	Recommended Resources	201
	CHAPTER 10 Trade Politics, Trade Agreements, and Trade Laws	203
	Learning Objectives	203
	Introduction	203
	10.1 Trade Politics	204
	Evolution of US Trade Policy	207
	In Practice The Smoot–Hawley Tariff of 1930	210
	10.2 Trade Agreements	211
	Types of Trade Agreements	213
	Welfare Effects of Tariff Agreements	214
	Theory Was NAFTA a Bad Deal?	216
	Multilateral Trade Agreements	217
	10.3 Trade Laws	220
	Dumping and Antidumping Duties	221
	Subsidies and Countervailing Duties	223
	Escape Clause	224
	In Practice Did Temporary Protection Save Harley-Davidson?	224
	National Security	225
	Application Protection in Practice: Washing Machines and Steel	226
	Conclusion	227
	Summary	227
	Key Concepts	227
	Review Questions	228
	Exercises	228
	Recommended Resources	229
	References	230
	Index	234