Peter Dorman

Microeconomics

A Fresh Start



Contents

Part I Foundations

1	Eco	nomics and the Economy	- 3
	1.1	Myth #1: Economics Is the Study of How to Make Money	3
	1.2	Myth #2: Economics Says that Supply and Demand in Free	
		Markets Solves All Our Economic Problems	4
	1.3	Myth #3: Economics Is About "Economizing"—Holding Down	
		Costs	5
	1.4	Myth #4: Economists Want to Increase the Amount of Money	
		Possessed by Individuals or Communities	5
	1.5	Is Economics the Study of the Economy?	6
	1.6	What Economics Is	7
2	Eco	nomics Yesterday and Today	9
_	2.1	The Historical Context	10
	2.2	Adam Smith	12
	2.3	Economics in Other Languages	16
	2.4	Economics Today: In the Image of Science	17
3	Fou	r Building Blocks of Economic Theory	27
•	3.1	Choice and Exchange: Metaphors for Economic Life	27
	3.2	Psychology: The Assumption of Rational Self-Interest	32
	3.3	Rationality and Uncertainty	34
	3.4	Individual and Collective Rationality	38
	3.5	Equilibrium: People as Particles	45
	3.6	Systems of Allocation	48
4	Valı	ues and Objectives	55
	4.1	The Economy as a Machine	55
	4.2	Economic Benefits	57
	4.3	Economic Costs	58
5	Ana	lyzing Markets	69
	5.1	Introduction: Crisis in a Cup	69
	5.2	Some Simplifying Assumptions	71
	5.3	A First Look	73

viii Contents

	5.4 5.5	Using Supply and Demand	84 88
		•	
6		kets and Human Well-Being	95
	6.1	Introduction	95
	6.2	A Historical Detour	96
	6.3	The Invisible Hand	98
	6.4	The Market Welfare Model at the Level of a Single Market	99
	6.5	Implications of the Market Welfare Model	106
	6.6	Market Failure	109
	Appe	endix: Markets and Freedom	114
	Posit	ive and Negative Liberty	115
	Inner	r Freedom	119
	Freed	dom and Obligation	119
Par	4 11	Institutions	
Par	ι 11	Institutions	
7	Mon	kets	125
′	7.1		125
		Markets in History	
	7.2	The Enforcement Problem	126
	7.3	The Complexity Problem	131
	7.4	Markets and Information	134
	7.5	Search Costs	135
	7.6	Asymmetric Information	137
	7.7	Market Efficiency	141
8	Firm	1S	149
	8.1	A Taxonomy of Business Organizations	149
	8.2	Aspects of the Modern Corporation	152
	8.3	The Need for a Theory	158
	8.4	From Adam Smith to Alfred Marshall	160
	8.5	Transaction Cost Theory	162
	8.6	Entrepreneurial Theory	164
	8.7	Current Debates	167
9		ernment	173
	9.1	State Capacity	173
	9.2	Powers of Government	176
	9.3	Democracy	180
	9.4	Majority Rule	183
	9.5	Government and Society	184
10	Civi	l Society	193
10	10.1	Why Civil Society Matters	193
	10.1	·	19:
			19.
	10.3	•	200
	117.4	COODERATION III THE IVIAITY-FLAVEL FILSOREL S DIRECTIONAL	_ZV

Contents ix

	10.5 10.6	Cooperation in More Realistic Models of Social Behavior Families as Economic Units	203 207
	10.7	Social Capital	210
Par	t III	A Closer Look at Markets	
11	The T	Theory of Demand	217
	11,1	Utility and Utilitarianism	218
	11.2	Utility and Individual Choice	220
	11.3	Market Demand, Consumer Surplus and Utility	223
	11.4	Do Consumers Maximize Utility?	229
	11.5	The Pursuit of Happiness	231
	11.6	Capabilities	234
	Appe	ndix: Indifference Curves	238
12	Prod	uction Costs and the Theory of Supply	249
	12.1	The Meaning of Cost	249
	12.2	The Structure of Short Run Production Costs	252
	12.3	The Individual Firm's Cost of Production in the Short Run	254
	12.4	Production Costs and the Supply Curve in the Short Run	259
	12.5	Production Costs and Market Supply in the Long Run:	
		The Adjustment Process	263
	12.6	Production Costs and Market Supply in the Long Run:	
		The Planning Process	267
	12.7	Mass Production, Computers and the LRAC Curves	
		of the Future	271
13	Mon	ppoly Power	275
	13.1	Perfect Competition: A World Without Power	275
	13.2	Barriers to Competition	278
	13.3	Pure Monopoly	280
	13.4	Between Pure Monopoly and Perfect Competition	287
	13.5	Is Concentration a Problem?	289
	13.6	Natural Monopoly	290
	13.7	Competition Policy	292
14	The l	Economics of Bargaining Power	297
	14.1	Where Does Bargaining Power Appear?	300
	14.2	An Elementary Model of Bargaining	301
	14.3	Extensions to the Basic Bargaining Model	307
	14.4	Bargaining Power in Action	310
15	Marl	ket Failure	315
	15.1	Public Goods	315
	15.2	Externalities	320
	15.3	Remedies for Externalities	325
	15.4	New Types of Externalities	330
	15.5	Taking Stock	331

Contents

Part	ľ	V Mi	croeconomic	Challenges
------	---	------	-------------	------------

x

10	Lavo	r and Employment	335
	16.1	The Theory of Factor Markets	340
	16.2	Labor as a Factor of Production	344
		16.2.1 Supply and Demand at the Level of a Single Firm	345
		16.2.2 Supply and Demand for Labor Across	
		an Entire Economy	347
	16.3	Labor Markets When Jobs and Workers Are Not the Same	354
		16.3.1 Differences in Jobs	354
			357
		16.3.3 Differences in Performance	360
	16.4	Bargaining Power at Work	363
	16.5	Unions and Worker Bargaining Power	364
	г.		271
17		ncial Markets	369
	17.1	The Mystery of Capital	369
	17.2	Equity Markets	373
	17.3	Credit Markets	378
	17.4	Commodity Markets	382
	17.5	Default	383
	17.6	Two Models of Financing Business	385
	17.7	Are Financial Markets Efficient?	389
	Refer	rence	39:
18	Inequ	uality	39
	18.1	Some Initial Evidence	399
	18.2	What About Mobility?	402
	18.3	Inequality by Gender and Race	404
	18.4	Measuring Inequality	400
	18.5	The Functional Distribution of Income	409
	18.6	Income Inequality: Explanations and Policy Responses	410
	18.7	Discrimination	414
		endix: Theories of Distributive Justice	423
	Refer	rences	429
19	Dovo	rty	43
17	19.1	•	43:
	19.1	What Is Poverty?	43
		Poverty Among Riches	44
	19.3	Poverty Among Riches	-4-41
20	Econ	omics and Ecology	45
	20.1	Ecology: A Big Omission	46
	20.2	The Environment as a Commons	460
	20.3	Natural Resources as Economic Inputs	46
	20.4	Pollution	47
	20.5	Sustainability	47
	20.6	Complexity and Uncertainty	47

Contents	

21	Mark	arkets as Systems				
	21.1	Economic Efficiency and the Pareto Principle	488			
	21.2	General Equilibrium	492			
	21.3	Applied General Equilibrium Models	495			
	21.4	The General Theory of the Second Best	497			
	21.5	Out-of-equilibrium Trading and the Indeterminacy				
		of Equilibrium	500			
	21.6	Interaction Effects and Multiple Equilibria				
		A Final Summing Up				
Gla	ssary .		517			
Ind	ov		570			

хi