# BUSINESS POLICY

The Art of Strategic Management

WILLIAM R. BOULTON

### BUSINESS POLICY

# The Art of Strategic Management

William R. Boulton University of Georgia

MACMILLAN PUBLISHING COMPANY

New York Collier Macmillan Publishers London

Copyright © 1984, William R. Boulton Printed in the United States of America

All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or any information storage and retrieval system, without permission in writing from the Publisher.

Macmillan Publishing Company 866 Third Avenue, New York, New York 10022 Collier Macmillan Canada, Inc.

Library of Congress Cataloging in Publication Data

Boulton, William R.

Business policy.

Includes index.

1. Corporate planning. I. Title.

HD30.28.B68 1984 658.4'012 83-13630

PRINTING: 1 2 3 4 5 6 7 8 YEAR: 4 5 6 7 8 9 0 1 2

ISBN 0-02-312840-2

#### **PREFACE**

As we watch the field of Business Policy continue to evolve, we must constantly work to update our research and teaching paradigms to encompass current knowledge and understanding. In Business Policy: The Art of Strategic Management, I have attempted to incorporate those theories that will most likely have their greatest impact on managers, students and educators in the 1980s. The text's development has been heavily influenced by three streams of research. First, it has attempted to maintain the tradition of the field as established by the Harvard Business School faculty and set forth by C. Roland Christensen, Kenneth R. Andrews and Joseph L. Bower in Business Policy: Text and Cases. However, the research of McKinsey and Company, which has been popularized by T. Peters and R. Waterman in In Search of Excellence and by R. Pascale and A. Athos in The Art of Japanese Management, influenced both the content and organization of the text portion of this book. Finally, Michael Porter's Competitive Strategy was considered when writing the chapters on business strategy. While acknowledging the importance of these works, my motivation in writing this book was based on the perceived need to present an updated text and cases for the strategic management and business policy course of the 1980s.

In the tradition of the field, Business Policy: The Art of Strategic Management focuses on the application of theories and the development of management skills through the use of case studies. The cases developed and assembled for this book include topics of concern to today's managers and are consistent with the McKinsey "7-S" paradigm. While the heaviest emphasis has been given to the understanding of strategy; structure, systems, superordinate goals, style, staff,

and skills are specifically dealt with in both the text and case materials.

The case materials incorporate issues that are of growing concern to to-day's managers. For example, cases on Hewlett-Packard, Tracor, Texas Instruments MODPLAN, and CALMA give special emphasis to the issues of technology and its rapid change. Cases on Republic Steel, DuPont, Lotus, and Chrysler show the impact of government in the development of competitive strategies. Cases on the Japanese steel industry, Toyo Kogyo, and the motorcycle industry provide insights into the competitive strategies required for global competition. While these cases raise strategic issues for today's managers, the focus is still on the need for managers to make decisions about strategy and then work to make those decisions successful.

Concern for the implementation of strategic decisions is encompassed in

vi Preface

many of the cases. The "B" cases provided in both the book and instructor's manual provide significant coverage of the management and administrative issues. The cases on Bankers Trust and Georgia Federal were developed to encompass the McKinsey 7-S paradigm and, therefore, provide a comprehensive examination of these organizations. Cases on Lincoln Electric, Lou Holtz, BCI, Independent Publishing Company, Texas Air Corporation, and Majestic Hardware show the importance of top management's style and the systems they impose on the organization. However, let us not lose sight of the fact that these cases are included here to help develop skills needed by managers in both their analytic and administrative roles.

The rapid development and evolution of the Business Policy course requires us to update the materials used in the classroom. I hope that this book will make a significant contribution toward that effort.

W.R.B.

#### **ACKNOWLEDGEMENTS**

Special thanks must be given to all those individuals who have contributed to the development of this book. At the University of Georgia, I would like to thank Arnold Balk for the continuous support he has provided in obtaining important library material. Dean Flewellen and Richard Huseman provided the resources and time required to carry out such a project. Finally, Curtis Tate

provided the encouragement and incentive to tackle the project.

The selection of case materials is always vital to a good Business Policy course. In this text, I owe thanks to all those who have contributed to such case development: Ed Roach and Jack Eure, Jr. for Mr. Gatti's; Jeanne Lynch for Majestic Hardware Co., Inc.; the Bank Marketing Association for Bankers Trust of South Carolina; Roger Atherton for Hewlett-Packard (A) and (B); Dennis Crites for Hewlett-Packard (A); Jim Chrisman for Note on the Analytical Instruments Industry, Tracor Incorporated (A) and (B), The World Motorcycle Industry, and The British Motorcycle Industry (A); Jesse Dougherty and Michael Porter for EG&G, Inc. (A) and (B); Phyllis Holland for Coca-Cola Wine Spectrum (A); Donald Scotton and Eleanor Schwartz for Republic Steel (A) and (B); Mike Alford for The Japanese Steel Industry and Toyo Kogyo Co., Ltd.; Jeffery Ellis for Group Lotus Car Companies Ltd.; Robert Hay for Lou Holtz's Razorback Football Image; Charles Summer for BCI Ltd.; Owen Weber and Warren De-Bord for Nichols Equipment Inc.; Dan Thomas for Independent Publishing Company and The Chrysler Corporation; Arthur Sharplin for The Lincoln Electric Company; Tim Singleton and Robert McGlashan for Texas Air Corporation (A); Elizabeth Gatewood for Texas Air Corporation (B); Christine Blouke for The Chrysler Corporation and CALMA Company (A); James Verbrugge for Georgia Federal Savings & Loan Association; Charles Kight for Texas Instruments MODPLAN; and Jay Bourgeois for CALMA Company.

As with any writing project, special thanks must also be given to those who transformed words into manuscript form. Nancy Parks, Billie Najour, Karen Turner, and Jackie Ogletree were essential for their help in completing this proj-

ect.

The reviewers were Kurt Christensen, Northwestern University; Jon P. Goodman, University of Boston; Robert Hay, University of Arkansas; Phyllis Holland, Georgia State University; Tom Lenz, Indiana University; Agnes Missirian, Bentley College; Leslie W. Rue, Georgia State University; John A. Seeger, Bentley College; and Lew Taylor, University of Nebraska—Lincoln.

viii Contents

Finally, I give special thanks to my wife Mary and my sons Gregory and Michael for the sacrifices they have made so that this text could become a reality.

W.R.B.

#### **CONTENTS**

Part	<b>I</b> :	Introduction to Strategic Management		
	1.	An Introduction to Strategic Management Education Understanding Strategic Management Functions 4 The Value of Case Studies 7 The Process of Case Analysis 8 Summary 11	<b>n</b> 3	
	2.	An Introduction to Strategic Management Territory of Strategic Management 13 The Organization's Strategy: Understanding the Territory 19 Understanding Organizational Strategy 21 Formulating and Implementing Organizational Strategy 25	12	
	3.	Introduction to Organizational Strategy and Its Key Components  Identifying Organizational Strategy 28  Characteristics of Successful Organizational Strategies 34  Summarizing Organizational Strategy 38	27	
Part	II:	Formulating Business Strategies		
	4.	Business Level Objectives and Strategies The Role of Functional Objectives and Strategies 45 Setting Business Level Objectives and Strategies 47 The Evolution of Business Level Objectives and Strategies 50 Summary 60	43	
	5.	Multiple Business Objectives and Strategies  Product-Market Analysis 67  Product-Market Maturity 67  The Concept of Business Fit 70  The Concept of Diversification 72	67	

x Contents

Consistent Superordinate Goals 78

Diversification into International Markets 75

	Summary 80	
6.	Industry Attractiveness: The Impact of Industry Structure The Concept of an Industry 82 Understanding Industry Structure 87 Classifying Buyer Characteristics 87 Classifying Competitive Groups 89 Classifying Supplier Characteristics 94 Characteristics of Potential Competition 94 Determining Industry Attractiveness 96 Criteria for Successful Strategies 97 Projections for the Future 99	82
	Industry Attractiveness: Impact of the General Business Environment  Some Social Forces 105 Some Political Forces 106 Some Technological Forces 107 Some Economic Forces 110 Assessing Country Risks 112 Predicting Environmental Changes 115 Tracking Environmental Issues 119 Environmental Issues: A Summary 122 Summary 124	103
	Aligning Organizational Strategy and Structure The Matsushita Example 130 The Dangers of Politics 132 The Use of Committees 133 The Board of Directors' Role 137 Summarizing Structural Concepts 139	129
9.	Developing Planning and Control Systems Integrating Planning and Control Systems 146 Strategic Management Responsibilities 147 Strategic Management of Information 151 Avoiding Bureaucratic Planning and Operating Systems 159 Summary 161	142
10.	Strategic Management of Human Resources The Importance of Human Resources 163 The Importance of Organizational Culture 168 Organizational Consistencies 171	163

	•
Contents	X1

	The Importance of Organizational Succession 175 The Texas Instruments Example 175 Summary 180				
11. The Role of Top Management (Style)  The Need to Solve Strategic Problems 183  Evolution of Strategic Management Responsibilities 187  Making Strategic Decisions 189  Managing Organizational Performance 189  Watching for Risks 192  Managing Risk Levels 193  Summary 199					
12.	Strategic Management: The Management of Change The Adaptive Organization 204 Barriers to Organizational Change 206 Considerations in Planning Change 208 The Leadership Style of Management 213 Summary 218	201			
Part IV	7: Cases in Organizational Missions and Objectives				
	Mr. Gatti's	223			
	Majestic Hardware Co., Inc.	245 262			
	Bankers Trust of South Carolina (A) Bankers Trust of South Carolina (B)	292			
	Hewlett-Packard (A)	302			
	Hewlett-Packard (B)	318			
Part V					
	: Cases in Business and Corporate-Level Strategies				
7.	: Cases in Business and Corporate-Level Strategies  Note on the Analytical Instruments Industry	341			
8.	Note on the Analytical Instruments Industry Tracor Incorporated (A)	359			
8. 9.	Note on the Analytical Instruments Industry Tracor Incorporated (A) Tracor Incorporated (B)	359 369			
8. 9. 10.	Note on the Analytical Instruments Industry Tracor Incorporated (A) Tracor Incorporated (B) EG&G, Inc. (A)	359 369 389			
8. 9. 10. 11.	Note on the Analytical Instruments Industry Tracor Incorporated (A) Tracor Incorporated (B) EG&G, Inc. (A) EG&G, Inc. (B)	359 369 389 405			
8. 9. 10. 11. 12.	Note on the Analytical Instruments Industry Tracor Incorporated (A) Tracor Incorporated (B) EG&G, Inc. (A) EG&G, Inc. (B) Coca-Cola Wine Spectrum	359 369 389 405 421			
8. 9. 10. 11. 12.	Note on the Analytical Instruments Industry Tracor Incorporated (A) Tracor Incorporated (B) EG&G, Inc. (A) EG&G, Inc. (B) Coca-Cola Wine Spectrum Republic Steel (A)	359 369 389 405 421 445			
8. 9. 10. 11. 12. 13. 14.	Note on the Analytical Instruments Industry Tracor Incorporated (A) Tracor Incorporated (B) EG&G, Inc. (A) EG&G, Inc. (B) Coca-Cola Wine Spectrum	359 369 389 405 421			
8. 9. 10. 11. 12. 13. 14.	Note on the Analytical Instruments Industry Tracor Incorporated (A) Tracor Incorporated (B) EG&G, Inc. (A) EG&G, Inc. (B) Coca-Cola Wine Spectrum Republic Steel (A) Republic Steel (B)	359 369 389 405 421 445 454			

Part VI: Cases in the Global Competitive Business Environment	
18. The Japanese Steel Industry	499
19. Toyo Kogyo Co., Ltd.	523
20. The World Motorcycle Industry	537
21. The British Motorcycle Industry	559
22. Group Lotus Car Companies, Ltd.	569
Part VII: Cases in Managing the Organization	
23. Lou Holtz's Razorback Football Image	<b>60</b> 3
24. BCI Ltd.	608
25. Nichols Equipment Incorporated	617
26. Independent Publishing Company	638
27. The Lincoln Electric Company	658
Part VIII: Cases in Managing the Organization's Fut	ure
28. Texas Air Corporation (A)	681
29. Texas Air Corporation (B)	693
30. The Chrysler Corporation	708
31. Georgia Federal Savings and Loan Association (A)	<b>76</b> 3
32. Georgia Federal Savings and Loan Association (B)	<b>78</b> 3
33. Texas Instruments MODPLAN	790
34. CALMA Company	814
Index	853

853

#### LIST OF EXHIBITS

CHAPTER 1	Ex. 1-1	Case Analysis Process	9
	Ex. 1-2	Case Analysis Framework	10
CHAPTER 2	Ex. 2-1	Evolving Structure	16
	Ex. 2-2	Strategic Management Concepts and Methods	19
CHAPTER 3	Ex. 3-1	Patterns of Aims, Missions, and Objectives	29
	Ex. 3-2	Findings from Excellent Companies Study	37
	Ex. 3-3	Successful Policy Characteristics	38
CHAPTER 4	Ex. 4-1	Single Business Concept	44
	Ex. 4-2	Business Level Objectives and Strategies	45
	Ex. 4-3	Business Objectives and Strategies	49
	Ex. 4-4	Stages of Life Cycle	51
	Ex. 4-5	Experience Curve	54
	Ex. 4-6	The Product Matrix	56
	Ex. 4-7	Developing Business Strategies	59
	Ex. 4-8	Strategies Contingent Upon Competition	60
CHAPTER 5	Ex. 5-1	Examples of U.S. Industry Maturity	68
	Ex. 5-2	Competitive Positions of Strategic Business Units	69
	Ex. 5-3	Strategic Growth Alternatives	71
	Ex. 5-4	Taft Broadcasting Company Businesses	72
	Ex. 5-5	Taft Broadcasting Company Businesses	73
	Ex. 5-6	Product/Market Diversification Strategies	74
	Ex. 5-7	Growth of Japanese Exports and Imports	75
	Ex. 5-8	Key Country Matrix	76
	Ex. 5-9	Business Portfolio Using Product Life Cycle	78
	Ex. 5-10	Comparative Portfolio Life Cycle Emphasis	79
	Ex. 5-11	Price-Performance Matrix	79
	Ex. 5-12	Position Matrix	80
CHAPTER 6	Ex. 6-1	The Competitive Industry Environment	83
	Ex. 6-2	Factors Affecting Buyers Decisions	88
	Ex. 6-3	Competitive Strategy Components	89
			xiii

	Ex. 6-4	Price-Quality Impact on Market Share	90
	Ex. 6-5	Price-Maintenance Comparisons in the U.S.	
		Automobile Industry	91
	Ex. 6-6	Problems Facing U.S. Industry in World	
		Competition	96
	Ex. 6-7	Factors Determining Market and Industry	
		Attractiveness	97
chapter 7	Ex. 7-1	Forces Influencing the Competitive Business	
		Environment	104
	Ex. 7-2	Duration of the Innovative Process for Ten	
		Innovations	107
	Ex. 7-3	Developments Using Semiconductor Technology	108
	Ex. 7-4	R&D Scoreboard—1981	109
	Ex. 7-5	Quantification of Country Risk	113
	Ex. 7-6	Monitoring Sheet of Crucial Assumptions	116
	Ex. 7-7	Identifying High-Priority Environmental Issues	120
	Ex. 7-8	Analysis of Pressure for Political/Economic Changes	121
	Ex. 7-9	Environmental Change Movements	122
CHAPTER 8	Ex. 8-1	Dominant Business Strategies	130
	Ex. 8-2	Structural Alternatives	130
	Ex. 8-3	Texas Instruments' Committee Structure—1972	133
	Ex. 8-4	Factors Affecting Organizational Integration	134
	Ex. 8-5	Executive Information and Its Committee	
		Organizational Structure	136
	Ex. 8-6	Board Structure: Monitoring the Executive	
		Information Flows	138
	Ex. 8-7	Processing Executive and Director Information	
		Flows	140
CHAPTER 9	Ex. 9-1	Strategic Planning Process	143
	Ex. 9-2	Linking Strategic Objectives to Performance Goals	144
	Ex. 9-3	Operationalizing Strategic Management	145
	Ex. 9-4	Integrating the Strategic Management Systems	146
	Ex. 9-5	Strategic Management Responsibilities	148
	Ex. 9-6	Executive Information and Its Committee	
		Organizational Structure	153
	Ex. 9-7	Interrelated Strategic Management Information	154
	Ex. 9-8	Systems Strategie Information System	155
		Strategic Information System	156
	Ex. 9-9	Human Resource Information System	150
	Ex. 9-10	Financial Information Model	
	Ex. 9-11	Standard Financial Reporting Formats	158
	Ex. 9-12	Alternative Planning and Control Systems	160
CHAPTER 10	Ex. 10-1	Human Resource Planning	164
	Ex. 10-2	Impact of Human Resources	165

		List of Exhibits	xv
	Ex. 10-3	Managing Multiple Product Strategies	173
	Ex. 10-4	Human Resource Requirements	176
CHAPTER 11	Ex. 11-1	Typology of Organization Decision Making	184
	Ex. 11-2	Financial Impact of the Product Life Cycle	186
	Ex. 11-3	Critical Elements of Strategic Management in Problem Solving	187
	Ex. 11-4	The Changing Role of the CEO as the Organization	10/
		Becomes More Complex	188
	Ex. 11-5	The Evolution of Strategic Management	
		Responsibilities	188
	Ex. 11-6	Organizational Performance Measures	190
	Ex. 11-7	Organizational Performance	191
	Ex. 11-8	Financial Performance and Position over the Product	
		Life Cycle	192
	Ex. 11-9	Financial Performance Ratios	194
	Ex. 11-10	Tracking Actual Performance	196
	Ex. 11-11	Analysis of Product/Market Alternatives	196
	Ex. 11-12	A Typical Decision Portfolio	198
	Ex. 11-13	Comparing Decision Alternatives to Investment by	
		Competition	199
CHAPTER 12	Ex. 12-1	Evolving Management Systems	203
	Ex. 12-2	Matching Organizations and Environments	204
	Ex. 12-3	Elements Impacting Organizational Change	207
	Ex. 12-4	Usage and Benefits of Influence Modes	210
	Ex. 12-5	Methods Dealing With Resistance to Change	212
	Ex. 12-6	Managerial Preferences	214
	Ex. 12-7	Managerial Style and Leadership Model	216
	Ex. 12-8	Impact of Management Style on Organizational	
	E 42 0	Characteristics	217
	Ex. 12-9	McKinsey's 7-S Framework Summary	219

### PART I

# Introduction to Strategic Management

1

## An Introduction to Strategic Management Education

Business policy is the study of how organizations determine and achieve their purposes. The study is concerned with the ability of organizations to achieve their objectives in a specific environment and with the top-level managers of organizations who must both lead and motivate people to achieve those objectives. It is the actions of setting organizational policies that we refer to as *stratument* 

tegic management.

Since few managers ever begin their own companies from scratch, this text discusses concepts that deal with the analysis of existing organizations, their objectives and their strategies. To this extent, students will work to develop skills that are required to (1) identify the realities of ongoing organizational activities, (2) diagnose the health of those activities, and (3) determine what changes need to be made. It is through logical and systematic analysis that problems and opportunities of today's organizations can be identified and acted upon by top management.

Understanding the logic of analysis does not in itself cause one to become a good manager. In fact, some writers argue that good managers are born, not developed. Others believe, however, that education can equip managers with a variety of business skills to help them deal with the complex issues, events, and tasks which face today's business decision makers. More specific to this text is its focus on the broad role of general managers and the perspectives, under-

standings, and skills necessary for success in that role.

This text focuses on the job of top-level general managers who must integrate and coordinate the activities of many staff and line functions. The general manager's job includes

1. setting strategic direction through evaluation of external influences, weighting future trends and issues, and determining alternative business responses.

2. designing organizational structures and administrative systems that af-

fect strategy implementation.

3. providing managerial leadership to develop climate, structure jobs, set rewards and motivations, and use power to achieve organizational goals.

4. managing operations and resource allocations through a variety of analytic techniques.

5. dealing with environmental issues, changing societal values, evolving