

Managerial Finance

Eighth Edition

J. Fred Weston

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University of California, Los Angeles*

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About the Authors

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Dr. Weston was Associate Editor of *The Journal of Finance* from 1948 to 1955, and a member of the journal's editorial board. He has served as President of the American Finance Association, President of the Western Economic Association, and President of the Financial Management Association. He was also a member of the American Economic Association Census Advisory Committee.

Dr. Weston has published extensively in the financial literature. In addition to *Managerial Finance*, he is the author of several other books, including *The Role of Mergers in the Growth of Large Firms*, *Public Policy toward Mergers* (with Sam Peltzman), and *Financial Theory and Corporate Policy* (with Thomas E. Copeland).

Dr. Weston has served extensively as a consultant to business firms on financial and economic policies.

Thomas E. Copeland received his B.A. in Economics from Johns Hopkins University, his MBA in Finance from the Wharton School, and his Ph.D. from the University of Pennsylvania. Since that time he has been a member of the faculty at UCLA's Graduate School of Management where he has served as Chairman of the Finance Curriculum Area. He has twice received an award for best teacher in the MBA program, is active in executive education, and has directed UCLA's program for the Young President's Organization.

Also with J. Fred Weston, Dr. Copeland has authored *Financial Theory and Corporate Policy*, the most widely used advanced level corporation finance text. His academic publications include articles about stock splits, theory of market trading activity, receivables policy, leasing, bid-ask spreads, nonprofit organizations, and portfolio performance measurement. His current research focuses on the value of listing on the NYSE, empirical evidence on block and new issue liquidity premia, spinoffs, and issues in experimental economics. Dr. Copeland is a member of the editorial board of *The Midland Corporate Financial Journal* and the *Financial Review*.

Dr. Copeland is a member of the board of directors of Kalama Chemical, Seattle, Washington, and is experienced in the valuation of privately held corporations.

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Preface

In the eighth edition of *Managerial Finance*, we have tried to rethink the material in a fundamental way to reflect the important developments that continue to take place in the field of finance. In reworking the materials, we have sought to achieve a smoother, more cohesive and integrated treatment of managerial finance. Topic coverage is more complete, and the modern finance literature has been fully utilized to provide guidance to practicing financial managers. Our aim is to present the state of the art of received theory as a guide to making practical financial decisions.

The central unifying theme in the eighth edition is the *valuation orientation*. Valuation is the basis for decisions in all major areas of finance: time value of money, capital budgeting, capital structure, cost of capital, dividend policy, financing decisions, mergers, and financial reorganizations.

Impacts of New Developments

Managerial Finance continues to reflect important new developments in the financial environment. The changing value of the U.S. dollar, for example, dramatizes the increased importance of international finance. The relative value of the dollar has created serious problems for some industries and new challenges and opportunities for others. In making the necessary adjustments to economic changes in both domestic and international markets, finance plays a significant role along with the other disciplines important in managing organizations.

New financial instruments and new financial institutions also continuously change the environment in which business firms must operate. Academic researchers have made significant advances, especially in the areas of capital budgeting, asset pricing, cost of capital, and applications of option pricing theory. At the same time, business firms are making increased use of financial theory, and feedback from the world of financial practitioners is affecting financial theory. These developments have guided the revisions made in the eighth edition of *Managerial Finance*.

Changes in the Eighth Edition

Although there are many changes in the eighth edition, this edition continues the basic philosophy of previous editions: to provide users with coverage of all important areas of financial management while providing flexibility in the use of materials. We have continued to reflect important new advances in the applications of valuation analysis, asset pricing models, option pricing models, and the state-preference framework.

Specific changes in the eighth edition of *Managerial Finance* include the following:

1. End-of-chapter problems have been updated and revised where appropriate. We have also added new problems to round out the coverage of concepts and to provide appropriate emphasis on areas of central importance. Interest rate levels used in the problems seek to strike a middle range between the extreme highs of the early summer of 1982 and the lows reached in early 1983 and mid-1985.
2. Time value of money and capital budgeting have been introduced early (Chapters 5 and 6) so they can be used as tools of analysis in all subsequent decision areas.

3. A new chapter (Chapter 7) has been added to describe how the market determines discount rates.
4. The materials on financial forecasting (Chapter 10) have been revised to introduce some statistical concepts used in subsequent topics, particularly decision making under uncertainty and its applications.
5. Decision models for credit management and policy (Chapter 14) reflect the new capital budgeting approach taken in recent literature.
6. The treatment of decision making under uncertainty and its applications (Chapters 16 and 17) has been streamlined and clarified.
7. Option pricing (Chapter 18) begins with the simplified binomial option pricing model, which is then generalized to the Black-Scholes model.
8. The literature on market efficiency has been summarized (Chapter 19) because the concepts are basic to correct thinking about financial decision making.
9. The theory and measurement of the cost of capital discussions (Chapter 21) have been reorganized and clarified.
10. Dividend policy (Chapter 22) has been rewritten to reflect the theoretical literature as well as practical applications of dividend policy, including consideration of clientele effects.
11. Valuation measurement (Chapter 23) has been reworked and clarified.
12. The analysis of refunding decisions (Appendix A to Chapter 26) has been reformulated and streamlined.
13. The discussion of warrants and convertibles (Chapter 28) has been rewritten to integrate the material with the recent literature, which reflects the application of option pricing models.
14. Pension fund management (Chapter 29) has been added to reflect the increasing responsibility of financial managers in this area and to illustrate the impact of ERISA on the corporate debt implications of pension liabilities.
15. Merger analysis (Chapter 30) has been refocused to a fundamental valuation approach and extended to incorporate broader issues of corporate restructuring and control.
16. The reorganization and bankruptcy materials (Chapter 31) have been rewritten to integrate more fully the impact of the Bankruptcy Reform Act of 1978.

We hope that as a result of these substantial revisions, the reader will have a gratifying intellectual experience with the new *Managerial Finance*. The increased rigor of the eighth edition will pay off in increased insights and ease of moving from concept to concept as well as facilitating practical applications in decision making.

Flexibility in the Use of the Materials

Much of the book's specific content is the result of our classroom teaching experience over a number of years, including executive development programs. This experience, in addition to our consulting with business firms on financial problems and policies, has helped us to identify the most significant responsibilities of financial managers, the most fundamental problems facing firms, and the most feasible approaches to practical decision making. Some topics are conceptually difficult, but so are the issues faced by financial managers. Business managers must be prepared to handle complex problems, and finding solutions to these problems necessarily involves the use of advanced tools and techniques.

We have not avoided the many unresolved areas of business financial theory and practice. Although we could have simplified the text in many places by side-stepping the difficult issues, we preferred to provide a basic framework based on the "received doctrine" and then go on to present materials (sometimes in chapter appendixes) on a number of important but

controversial issues. We hope that our presentation, along with the additional references provided at the end of each chapter, will stimulate the reader to further inquiry.

We acknowledge that the level and difficulty of the material are uneven. Certain sections are simply descriptions of the institutional features of the financial environment and, as such, can be comprehended easily and rapidly. Other parts—notably the materials on capital budgeting, uncertainty, option pricing, and the cost of capital—are difficult. We hope that by alternating easy and tough material, we will provide a refreshing change of pace for the reader.

Managerial Finance has traditionally been a highly flexible text, and this flexibility has been increased in the eighth edition. This book can be used in a one-quarter or one-semester introductory course. However, when so used, it will not be possible to cover all of the chapters. Some instructors concentrate on the basic theory chapters for a one-quarter or one-semester course, which would include Chapters 1, 5–7, 16–18, and 20–23, representing 11 of the 32 chapters. For a one-semester course of 15 to 18 weeks, one or more additional major parts of the book can be added. Other instructors simply take the chapters in sequence, covering Chapters 1–19 or Chapters 1–23 as time permits. Still others cover the entire book in a sequence of two quarters or two semesters. We have also found that business executives can work through the book on their own with the assistance of the book's *Study Guide* described below.

Several reviewers suggested that it might be desirable to reduce the total length of the book. Although the idea was appealing, we did not follow the suggestion for several reasons. We want the book to cover the entire field of business finance and to deal with all of the financial management functions. Eliminating institutional material and concentrating only on theory and technique would give the student an unrealistic, sterile view of finance. Some of the more advanced theories and techniques could have been eliminated because they are difficult, but they are essential for sound decision making. These considerations, plus the flexibility in the use of materials, which makes it unnecessary to cover the entire book in one course, caused us to refrain from eliminating these sections. Furthermore, the book has a tradition of functioning as a text or reference work for use in subsequent courses and for the practicing financial executive as well.

Ancillary Materials

Several items are available to supplement *Managerial Finance*. For the professor, there is a comprehensive *Instructor's Manual*, which contains alternative subject sequences and teaching methods, course outlines, answers to all text questions, solutions to all text problems, and an extensive array of test questions and problems. Also available to the instructor is a comprehensive set of *Transparency Masters*, which feature solutions to selected end-of-chapter problems. As a supplement to problems in the text, an additional set of *Supplemental Problems* and solutions is available to adopters. These were developed with the assistance of Roger Bey, Keith Johnson, and Ramon Johnson, among others.

For the student, the *Study Guide* highlights key points in the text and presents a comprehensive set of problems similar to those at the end of each chapter. Each problem is solved in detail, so a student who has difficulty working the end-of-chapter problems can be aided by use of the *Study Guide*.

A casebook and a book of readings can also be used to supplement *Managerial Finance*. *Cases in Managerial Finance*, sixth edition, by Roy L. Crum and Eugene F. Brigham and *Issues in Managerial Finance*, second edition, by Eugene F. Brigham and Ramon E. Johnson, are available.

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The field of finance will continue to experience significant changes. It is stimulating to participate in these exciting developments, and we hope that *Managerial Finance* will contribute to continued advances in the theory and practice of finance. We welcome comments and suggestions of any kind from our readers.

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Contents

Part One Fundamental Concepts of Managerial Finance 1

Chapter 1 The Finance Function 3

The Finance Function 3 Finance in the Organizational Structure of the Firm 4 The Nature of the Firm and Its Goals 6 Value Maximization as a Goal 9 The Changing Role of Financial Management 10 Organization of This Book 12

Chapter 2 Financial Statements 15

Sample Income Statement 15 Sample Balance Sheet 18 Sources and Uses of Funds 21 Reporting Requirements 25

Chapter 3 The Financial Environment 31

Financial Markets 31 The Role of the Financial Manager 32 Types of Financial Instruments 34 The Federal Reserve System 34 Fiscal Policy 34 Securities Markets 35 The National Market System 37 Stock Market Reporting 39 Margin Trading and Short Selling 40 Financial Instruments 42

Chapter 4 The Tax Environment 45

Introduction 45 Corporate Income Tax 45 Personal Income Tax 51 Choices among Alternative Forms of Business Organization 54 Special Provisions for Small Businesses 58

Appendix A to Chapter 4 Depreciation Methods 63

Straight Line 63 Sum-of-Years'-Digits 64 Units of Production 64 Declining Balance Methods 65 Effect of Depreciation on Taxes Paid 66 Changing the Depreciable Life of an Asset 66

Part Two The Time Dimension in Financial Decisions 69

Chapter 5 The Time Value of Money 71

Future Value 71 Present Value 73 Future Value versus Present Value 75 Future Value of an Annuity 76 Present Value of an Annuity 78 Annual Payments for

Accumulation of a Future Sum 79	Annual Annuity Payments 80	Determining Interest Rates 80	Present Value of an Unequal Series of Receipts 81	Noninteger Values of Interest Rates 82	Semiannual and Other Compounding Periods 82	The Annual Percentage Rate (APR) 84	Appropriate Interest Rates 87
Appendix A to Chapter 5 Continuous Compounding and Discounting							92
Continuous Compounding 92 Continuous Discounting 94 Continuous Compounding and Discounting for Annuities 94 The Relationship between Discrete and Continuous Interest Rates 97							
Chapter 6 Capital Budgeting Techniques							99
Significance of Capital Budgeting 99 An Overview of Capital Budgeting 100 Ranking Investment Proposals 106 Capital Budgeting: An Example 120 Accelerated Depreciation 124 Projects with Different Lives 125 Projects with Different Scale 129							
Chapter 7 How the Market Determines Discount Rates							139
Productivity, Inflation, Liquidity, and Risk 139 Theoretical Explanations for the Term Structure of Interest Rates 146 Risk and the Market Discount Rate 155							
Appendix A to Chapter 7 Interest Rate Futures and Riding the Yield Curve							166
Forward Rates and Futures Rates 166 The Establishment of an Interest Rate Futures Market 166 The Relationship between the Forward and Futures Rates 167 Riding the Yield Curve 169 Empirical Studies of Yields on Futures Contracts and the Behavior of Forward Rates 171 Conclusions on Opportunities in the Interest Rate Futures Markets 171							
<hr/>							
Part Three Financial Analysis, Planning, and Control							173
Chapter 8 Financial Ratio Analysis							175
Basic Financial Statements 175 Basic Types of Financial Ratios 178 Financial Ratio Standards 179 Use of Financial Ratios 179 Sources of Comparative Ratios 193 Some Limitations of Ratio Analysis 195							
Appendix A to Chapter 8 Effects of Changing Price Levels							202
Inflation and the Measurement of Profitability 202 Inflation and Inventory Valuation Methods 203 Proposals for Accounting Policies to Adjust for Inflation 204							

Appendix B to Chapter 8 Financial Ratios in Discriminant Analysis **206**

Classification of Observations by Discriminant Analysis 206

Chapter 9 Financial Planning and Control **211**

Financial Planning and Control Processes 211 Breakeven Analysis 213 Operating Leverage 218 Cash Breakeven Analysis 221 Cash Budgets 223 Control in Multidivision Companies 228 Overall Planning Models 231

Chapter 10 Financial Forecasting **241**

Cash Flow Cycle 241 Financing Patterns 244 Percent of Sales Method 244 Linear Regression: One Variable 249

Appendix A to Chapter 10 The Normal Distribution **265**

Illustrating the Use of Probability Concepts 267 Cumulative Probability 270 Other Distributions 272

Part Four Working Capital Management **275**

Chapter 11 Working Capital Policy **277**

Importance of Working Capital Management 277 Risk-Return Tradeoff for Current Asset Investments 278 Financing Current Assets 280 The Costs and Risks of Alternative Debt Maturities 283

Chapter 12 Cash and Marketable Securities Management **289**

Cash and Marketable Securities Management 289 Managing Disbursements 296 Marketable Securities 299 Cash Management Models 303

Appendix A to Chapter 12 Cash Management Models **310**

Baumol Model 310 Miller-Orr Model 314 Beranek Model 316 A Comparison of the Models 317

Chapter 13 Inventory Management **321**

Inventory 321 Generality of Inventory Analysis 322 The EOQ Model 325 Extending the EOQ Model 329

Chapter 14 Credit Management and Policy	341
Credit Standards 341 Terms of Trade Credit 344 Evaluating Changes in Credit Policy 345 Use of Computers in Credit Management 349	
<i>Appendix A to Chapter 14 The Payments Pattern Approach</i>	353
Corporate Practice 353 Payments Pattern Approach 355	
Chapter 15 Short-Term Financing	359
Trade Credit 359 Short-Term Financing by Commercial Banks 362 Commercial Paper 366 Bankers' Acceptances 368 Secured Short-Term Financing 369 Accounts Receivable Financing 369 Inventory Financing 373	
<hr/>	
Part Five Decision Making under Uncertainty	385
Chapter 16 Portfolio Theory: Decision Making under Uncertainty	387
Introduction 387 Risk and Return: The Theory of Choice 387 Risk and Return: Objects of Choice 392 Market Equilibrium: The Capital Market Line 407 Pricing Inefficient Portfolios 413	
Chapter 17 Risk and Return: Theory, Evidence, and Applications	427
Introduction 427 The CAPM and the Security Market Line 428 Applications of the CAPM 432 Empirical Evidence on the Capital Asset Pricing Model 450 The Arbitrage Pricing Model (APM) 452	
<i>Appendix A to Chapter 17 Derivations of the CAPM and the APT</i>	463
Derivation of the Capital Asset Pricing Model 463 Derivation of the Arbitrage Pricing Model 465	
<i>Appendix B to Chapter 17 Sensitivity Analysis of Risky Projects</i>	471
Monte Carlo Simulation Analysis 471 Decision Trees 472 Computer Simulation 475	

Chapter 18 Options on Risky Assets 479

Introduction to Options 479 Four Building Blocks of Financial Contracts 480
 Put-Call Parity 483 Valuing a Call Option 485 Applications of the OPM to Corporate
 Finance 500 Empirical Evidence on the OPM 507 The Relationship between the
 OPM and the CAPM 507

Appendix A to Chapter 18 The Abandonment Decision 514

Abandonment Analysis Using Decision Trees 514 Further Developments in
 Abandonment Decision Rules 520

Chapter 19 Market Efficiency and Financial Decisions 523

The Theory of Market Efficiency 523 Evidence on Weak-Form Efficiency 527
 Evidence on Semi-Strong-Form Efficiency 529 Evidence on Strong-Form
 Efficiency 539 Efficient Markets with Transactions Costs and
 Costly Information 540

Part Six Cost of Capital and Valuation 551

Chapter 20 Financial Structure and the Use of Leverage 553

Financial Leverage 553 Financial Leverage and Risk 560 Financial Leverage with
 Additional Investment 564 Crossover Analysis 566 Factors Influencing Financial
 Structure 569 Financial Structure in Practice 571

Chapter 21 Capital Structure and the Cost of Capital 579

Leverage and the Cost of Capital—Theory 579 The Cost of Capital with Personal
 as Well as Corporate Taxes 588 The Effects of Bankruptcy Costs 597 The
 Capital Structure Decision 599 Costs of External Equity Funds versus
 Retained Earnings 601 Cost of Depreciation-Generated Funds 605 Calculating
 the Component Financing Costs 605 Calculating the Firm's Cost of Capital 611
 Cost of Capital for Projects or a Division 613 Developing the Firm's
 Overall Capital Budget 616

Appendix A to Chapter 21 The Modigliani-Miller Propositions: Some Extensions 626

Cost of Capital for Finite Lives 626 The MM Propositions with Depreciable
 Assets 627 The Weighted Average Cost of Capital as a Cutoff Rate 630

Appendix B to Chapter 21 The State-Preference Model	635
Alternative Future States-of-the-World	635
The Concept of a Pure Security	636
Use of the SPM to Determine the Optimal Financial Leverage	638
Implications for Leverage Decisions	640
 Chapter 22 Dividend Policy	 645
Dividend Payments	645
Factors Influencing Dividend Policy	646
General Dividend Patterns in the Economy	649
Theories of Dividend Policy	653
Ingredients for Optimal Dividend Policy	659
Stock Dividends, Stock Splits, and Repurchases	667
 Appendix A to Chapter 22 Dividend Policy: Stock Prices and Clientele Effects	 680
Dividends and Value	680
Dividend Clientele Effects	683
 Chapter 23 Valuation	 689
Definitions of Value	689
Bond Valuation	690
Preferred Stock Valuation	694
Common Stock Returns and Valuation	695
Factors Leading to Changes in Market Prices	697
Valuation under Alternative Growth Patterns	698
Stock Values with Zero Growth	699
Normal, or Constant, Growth	699
Supernormal Growth	701
Comparing Companies with Different Expected Growth Rates	703
The Free Cash Flow Approach to Common Stock Valuation	705
<hr/>	
Part Seven The Treasurer's Point of View: Policy Decisions	717
 Chapter 24 External Financing: Institutions and Behavior	 719
Sources of Business Financing	719
Direct Financing	720
Investment Banking	724
Investment Banking Operations	726
IBM's October 1979 Debt Offering	731
Costs of Flotation	732
Flotation Costs on Negotiated versus Multiple-Bidding Underwritings	734
Regulation of Security Trading	736
Recent Changes in SEC Rules	738
Appraisal of Regulation of Security Trading	739
Recent Trends in Business Financing	739
Institutional Developments	741
 Chapter 25 Common Stock Financing	 751
Apportionment of Income, Control, and Risk	751
Common Stock Financing	753
Evaluation of Common Stock as a Source of Funds	756
Use of Rights in Financing	757
Theoretical Relationships of Rights Offerings	758
Effects on Position of	

Stockholders 762 Advantages of Use of Rights in New Financing 766 Choosing among Alternative Forms of Financing 766

Chapter 26 Debt and Preferred Stock 781

Instruments of Long-Term Debt Financing 781 Secured Bonds 788 Unsecured Bonds 789 Bond Values and Their Fluctuations 794 The Cost of Long-Term Debt 797 Characteristics of Long-Term Debt 797 Decisions on the Use of Long-Term Debt 799 Nature of Preferred Stock 800 Major Provisions of Preferred Stock Issues 801 Evaluation of Preferred Stock 803 Decision Making on the Use of Preferred Stock 805 Rationale for Different Classes of Securities 805 Refunding Debt or Preferred 805

Appendix A to Chapter 26 Refunding Decisions 817

Choosing a Discount Rate for the Bond Refunding Decision 817 Refunding When Interest Rates Have Risen 820

Chapter 27 Lease Financing 825

Types of Leases 825 Accounting for Leases 827 The Financing Decision: Lease versus Borrow 829 The Investment Decision 833 Alternative Computation Procedures in the Leasing Analysis 834 Cost Comparison for Operating Leases 836 Additional Influences on the Leasing versus Owning Decision 837

Chapter 28 Warrants and Convertibles 845

Warrants 845 Convertibles 850 The Duplicating Portfolio Approach to the BOP 855

Chapter 29 Pension Fund Management 873

Pension Plan Overview: Historical Data and Financial Statements 873 Pension Fund Regulations: ERISA, FASB 36, and the IRS 876 Managerial Decisions 880 Changing the Actuarial Assumptions 880 The Mix of Pension Plan Assets 882 Measuring Pension Plan Portfolio Performance 889 Voluntary Termination of Defined Benefit Pension Plans 893 Insurance Company Contracts 894

Part Eight Integrated Topics in Managerial Finance 899

Chapter 30 Mergers and Corporate Control 901

Mergers and Acquisitions 901 Restructuring Business Firms 904 Theories of Asset Redeployment 907 Theories of Restructuring 912 Empirical Studies of Mergers

and Other Aspects of Corporate Control 912 Terms of Mergers 914 Holding Companies 920 Leveraged Buy-Outs 923 Managerial Policies in a Valuation Framework 927

Appendix A to Chapter 30 Financial Accounting for Mergers 943

Financial Treatment of a Purchase 944 Treatment of Goodwill 947 Financial Treatment of Pooling of Interests 947

Chapter 31 Reorganization and Bankruptcy 951

Failure 952 Extension and Composition 955 Federal Bankruptcy Law 957 Reorganization 958 Use of Reorganization to Recontract 964 Liquidation Procedures 965 Bankruptcy Prediction 968

Chapter 32 International Business Finance 975

The Importance of International Finance 975 Impact of Exchange Rate Fluctuations 977 Risk Position of the Firm in Foreign Currency Units 985 Monetary Balance 988 Translation of Financial Statements 990 FASB 8 and FASB 52 994 International Financing 995 An Example of International Financing 998 Working Capital Management in International Enterprise 1001

Appendix A Interest Tables 1009

Appendix B Natural Logarithms of Numbers between 1.0 and 4.99 1013

Appendix C Tables of Accelerated Depreciation Factors 1014

Appendix D Table of Areas under the Normal Curve 1015

Appendix E Answers to Selected End-of-Chapter Problems 1017

Index 1025