Fundamentals of CORPORATE FINANCE

3rd EDITION

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PREFACE

Finance educators are united by their commitment to shaping future generations of financial professionals, as well as instilling financial awareness and skills in non-majors. Our goal with *Fundamentals of Corporate Finance* is to provide an accessible presentation for both finance and non-finance majors.

Writing an Australian edition of a popular US text is both an easy and a difficult task. The easy component derives from the fact that we had an outstanding manuscript to work with. Having taught corporate finance courses for many years to undergraduate and postgraduate students, and to senior executives in various organisations, we came to the task with a thorough knowledge both of what books were available, and of what works—and what doesn't work—for students when it comes to textbooks and their pedagogy. We have long viewed Berk, DeMarzo and Harford as an exceptional finance textbook and, as such, were thrilled when approached to adapt it for Australasian conditions. The book achieves a fine balance between the theoretical underpinnings of finance—which the American authors skilfully convey in their manuscript—and relevant practical exercises and examples that reflect contemporary market practice. Rarely have we come across a textbook in finance that captures and explains difficult concepts in such a clear and accessible style as this one. Accordingly, this book serves as a valuable reference for academics, finance practitioners and students alike.

The difficult component of our task derives from the fact that we had to ensure we upheld the reputation and integrity of the book. An adaptation is more than changing spelling, symbols and data in tables. In many cases, the essence of arguments must change markedly when factors such as market size, tax regimes and other peculiarities of the local region are taken into consideration. This necessitated substantial rewriting of some chapters and fine-tuning of others. At the same time, we were mindful that we all must go about our business in a highly integrated global market. It is not an easy task capturing all the relevant elements of investment, financing, dividend and risk management decisions in both a regional and an international setting. This is the goal we set out to achieve and we trust we have achieved it.

THIRD EDITION

In this third edition, we have incorporated around 60 Australian firms in the book in case studies, examples and exercises, such as a discounted cash flow valuation of JB Hi-Fi. We have incorporated the Australian regulatory and institutional setting where relevant, and have included a detailed discussion of how an imputation tax system should impact on the cost of capital and valuation of Australian firms. We have added new 'Finance in Focus' sections and updated content to reflect the current business environment.

GUIDED TOUR: FOR STUDENTS

BRIDGING THEORY AND PRACTICE

Study aids with a practical focus

To be successful, you need to master the core concepts and learn to identify and solve problems that today's practitioners face.

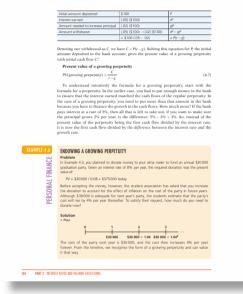
The **Valuation Principle** is presented as the foundation of all financial decision making: the central idea is that a firm should take projects or make investments that increase its value. The tools of finance determine the impact of a project or investment on the firm's value by comparing the costs and benefits in equivalent terms. The Valuation Principle is first introduced in Chapter 3, revisited in the part openers and integrated throughout the text.



Guided Problem Solutions (GPS) are examples that accompany every important concept using a consistent problem-solving methodology that breaks the solution process into three steps: plan, execute and evaluate. This approach aids your comprehension, enhances your ability to model the solution process when tackling problems on your own and demonstrates the importance of interpreting the mathematical solution.

Personal Finance GPS examples showcase the use of financial analysis in everyday life by setting problems in scenarios such as purchasing a new car or house, and saving for retirement.

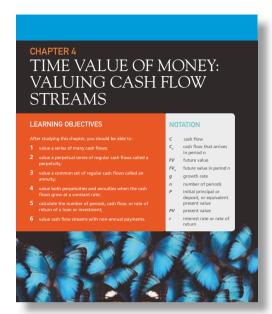




Finance in Focus boxes highlight contemporary examples of how theory works in the real world, impacting business problems and company practices.

Common Mistake boxes alert you to frequently made mistakes stemming from misunderstanding core concepts and calculations—in the classroom and in the field.





TEACHING EVERY STUDENT TO THINK FINANCE

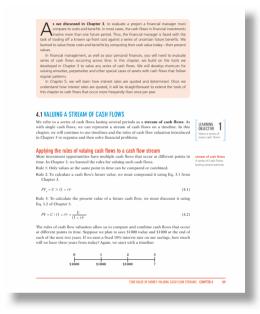
Simplified presentation of mathematics

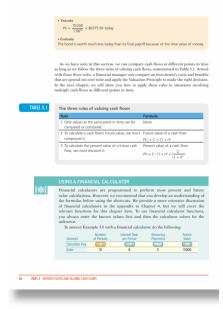
Because one of the hardest parts of learning finance for non-majors is mastering the jargon, maths and non-standardised notation, *Fundamentals of Corporate Finance* systematically uses:

Notation boxes. Each chapter begins with a notation box that defines the variables and the acronyms used in the chapter and serves as a 'legend' for your reference.

Numbered and labelled equations. The first time a full equation is given in notation form, it is numbered. Key equations are titled and revisited in the summary and in end papers.

Timelines. Introduced in Chapter 3, timelines are emphasised as the important first step in solving every problem that involves cash flow.







Using Excel boxes describe Excel techniques and include screenshots to serve as a guide for you when using this technology.

Financial calculator instructions, including a box in Chapter 4 on solving for future and present values, and appendices to Chapters 4, 6 and 15 with keystrokes for HP-10BII and TI BAII Plus Professional, highlight this problem-solving tool.

PRACTISE FINANCE TO LEARN FINANCE

Working problems is the proven way to cement and demonstrate an understanding of finance.

Concept Check questions at the end of each section enable you to test your understanding and target areas needing further review.

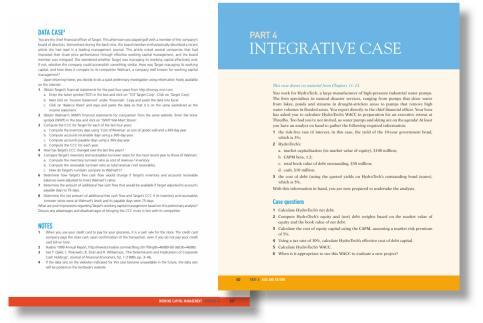




End-of-chapter **problems** offer first-rate materials for you to practise and build confidence. Selected end-of-chapter problems are available in MyLabTM Finance, the fully integrated homework and tutorial system.

Data Cases present in-depth scenarios in a business setting with questions designed to guide students' analysis.

Integrative Cases occur at the end of most parts and present a capstone extended problem for each part with a scenario and data for you to analyse based on that subset of chapters.



GUIDED TOUR: FOR EDUCATORS

Solutions Manual

The **Solutions Manual** provides students with detailed, accuracy-verified solutions to all the in-chapter and end-of-chapter problems in the book.

PowerPoint Presentation

The **PowerPoint Presentation** is available in lecture form and includes art and tables from the book and additional examples. Revised for this edition, the PowerPoint presentation includes tables and figures, examples, key terms and spreadsheet tables from the textbook.

Test Bank

The **Test Bank** provides a wealth of accuracy-verified testing material. Updated for the new edition, each chapter offers a wide variety of true/false, short answer and multiple-choice questions. Questions are verified by difficulty level and skill type, and correlated to the chapter topics. Numerical problems include step-by-step solutions.

FLEXIBILITY GUIDE

Fundamentals of Corporate Finance offers coverage of the major topical areas for introductory-level undergraduate courses. Our focus is on financial decision making related to the corporation's choice of which investments to make or how to raise the capital required to fund an investment. We designed the book with the need for flexibility and with consideration of time pressures throughout the semester in mind.

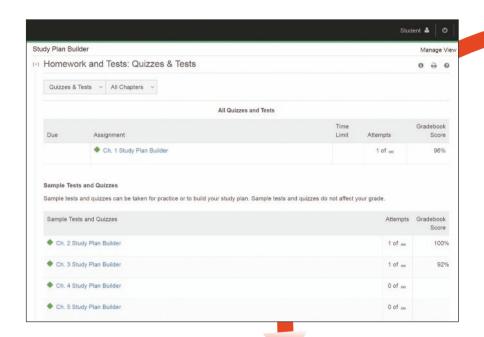
PART 1 INTRODUCTION Introduces the Valuation Principle and Ch. 1: Corporate Finance and the Financial Manager time value of money techniques for Ch. 2: Introduction to Financial Statement Analysis single-period investments PART 2 INTEREST RATES AND VALUING CASH FLOWS Presents how interest rates are quoted and compounding for all frequencies **Ch. 3:** Time Value of Money: An Introduction — Ch. 4: Time Value of Money: Valuing Cash Flow Streams Introduces stocks and presents the Ch. 5: Interest Rates dividend-discount model as an Ch. 6: Bond Valuation application of the time value of Ch. 7: Share Valuation: The Dividend-Discount Modelmoney PART 3 VALUATION AND THE FIRM Introduces the NPV rule as the 'golden rule' against which we evaluate other Ch. 8: Investment Decision Rules investment decision rules Ch. 9: Fundamentals of Capital Budgeting -Ch. 10: Share Valuation: A Second Look -Provides a clear focus on the distinction between earnings and free cash flow PART 4 RISK AND RETURN Ch. 11: Risk and Return in Capital Markets Builds on capital budgeting material Ch. 12: Systematic Risk and the Equity Risk Premium by valuing the ownership claim to the Ch. 13: The Cost of Capital – firm's free cash flows and addresses market efficiency and behavioural finance PART 5 LONG-TERM FINANCING Ch. 14: Raising Capital Calculates and uses the firm's overall Ch. 15: Debt Financing costs of capital with the WACC method These chapters begin with perfect PART 6 CAPITAL STRUCTURE AND VALUATION markets and then show how frictions, Ch. 16: Capital Structure including agency costs and asymmetric **Ch. 17:** Payout Policy information, can influence financial policy PART 7 FINANCIAL PLANNING Makes the critical distinction between Ch. 18: Financial Modelling and Pro-forma Analysissustainable and value-increasing Ch. 19: Working Capital Management growth in determining the firm's value **PART 8 SPECIAL TOPICS** Looks at the overall market for **Ch. 20:** Option Applications and Corporate Finance mergers and acquisitions and considers Ch. 21: Mergers and Acquisitions the motivations for and the typical **Ch. 22:** International Corporate Finance process of a transaction Ch. 23: Insurance and Risk Management

MyLab Finance for Berk/DeMarzo/Harford/Ford/Mollica *Fundamentals of Corporate Finance*, 3rd edition

A guided tour for students and educators

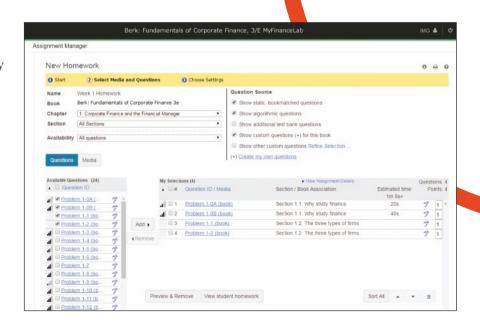
Auto-generated tests and assignments

Each MyLab comes with pre-loaded assignments, all of which are automatically graded and include selected end-of-chapter questions and problems from the textbook.

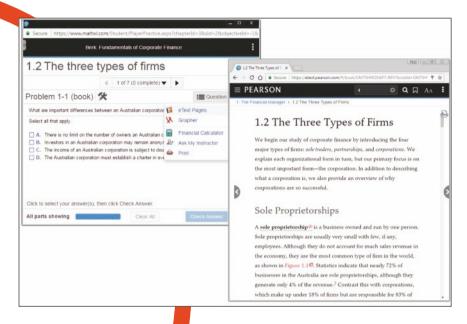


Assignable content

Educators can select content from the Study Plan and/or Test Bank and assign to students as homework or quizzes.



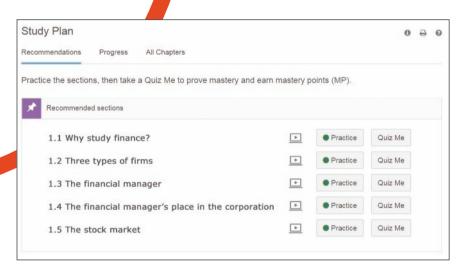
MyLab Finance www.pearsonmylabandmastering.com



Learning resources

To further reinforce understanding, Study Plan and homework problems link to additional learning resources.

- Step-by-step guided solutions
- Animations
- Links to relevant sections of the eText for review of material for all Study Plan questions.



Study plan

A personalised Study Plan is generated from each student's results on assignments or sample tests. The Study Plan indicates Learning Objectives where they need more practice, and helps them work towards mastery.