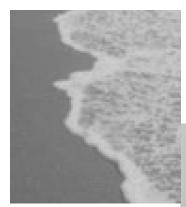
## **Financial Accounting**

**Understanding and Practice** 



**Second Edition** 



**Second Edition** 

# Financial Accounting

Understanding and Practice

**Robert Perks** 



London Boston Burr Ridge, IL Dubuque, IA Madison, WI New York San Francisco St. Louis Bangkok Bogotá Caracas Kuala Lumpur Lisbon Madrid Mexico City Milan Montreal New Delhi Santiago Seoul Singapore Sydney Taipei Toronto Financial Accounting: Understanding and Practice, second edition Robert Perks ISBN-13 9780077115401 ISBN-10 0-07-711-540-6



Published by McGraw-Hill Education Shoppenhangers Road Maidenhead Berkshire SL6 2QL

Telephone: 44 (0) 1628 502 500 Fax: 44 (0) 1628 770 224 Website: www.mcgraw-hill.co.uk

#### **British Library Cataloguing in Publication Data**

A catalogue record for this book is available from the British Library

#### Library of Congress Cataloguing in Publication Data

The Library of Congress data for this book has been applied for from the Library of Congress

New Editions Editor: Catriona Watson Marketing Manager: Vanessa Boddington Senior Production Editor: Beverley Shields

Text Design by HL Studios, Oxford Typeset by Fakenham Photosetting Limited Cover design by Ego Creative Printed and bound in Great Britain by Cromwell Press, Trowbridge, Wiltshire

First Edition published in 2004 by McGraw-Hill Education

Published by McGraw-Hill Education (UK) Limited an imprint of The McGraw-Hill Companies, Inc., 1221 Avenue of the Americas, New York, NY 10020. Copyright © 2007 by McGraw-Hill Education (UK) Limited. All rights reserved. No part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written consent of The McGraw-Hill Companies, Inc., including, but not limited to, in any network or other electronic storage or transmission, or broadcast for distance learning.

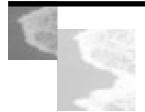
ISBN-13 9780077115401 ISBN-10 0-07-711-540-6

© 2007. Exclusive rights by The McGraw-Hill Companies, Inc. for manufacture and export. This book cannot be re-exported from the country to which it is sold by McGraw-Hill.

The McGraw·Hill Companie

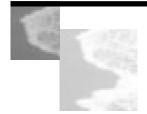
#### **Dedication**

To WLL



## **Brief Table of Contents**

	Pretace	X
	Guided Tour	xi
	Technology to Enhance Learning and Teaching	xiii
	Acknowledgements	XV
1	The Balance Sheet and What it Tells Us	1
2	The Income Statement (Profit and Loss Account)	27
3	The Context of Financial Accounting	50
4	Ratios and Interpretation: A Straightforward Introduction	77
5	Profits: Definitions, Role and Measurement	107
	How the Stock Market Assesses Company Performance	139
7	Cash Flow and Profit	163
8	Creative Accounting	189
	Advanced Interpretation of Financial Statements	215
	Assets, Liabilities, Revenues and Expenses	243
	Financing a Business	275
	Investment Appraisal	314
	Planning, Decision-Making and Control	343
	Bookkeeping to Trial Balance	371
	Trial Balance to Final Accounts	397
	Cash Flow Statements and Incomplete Records	428
	Appendices	
1	Answers to Self-testing Questions	449
	Answers to Activities	492
_	/ wiswers to / tellvittes	432
	Glossary	496
	Index	502



## **Detailed Table of Contents**

	Preface	X		Group activities and discussion	
	Guided Tour	xi		questions questions	47
	Technology to Enhance Learning			Financial accounting in context	49
	and Teaching	xiii			
	Acknowledgements	XV	3	The Context of Financial Accountin	g 50
	Č		3.1	Introduction	51
1	The Balance Sheet and What it		3.2	Historical Development	51
	Tells Us	1	3.3	Accountants and Auditors	54
1.1	Introduction	2	3.4	Bankers and Creditors	<i>57</i>
1.2	An Individual's Balance Sheet	2	3.5	Companies and their Directors	<i>57</i>
1.3	A Company's Balance Sheet	3	3.6	Governments and the Law	62
1.4	Short- and Long-term Classification	6	3.7	Academics and Theorists	64
1.5	Balance Sheets: Financial Strength		3.8	Investors and Stock Markets	66
	and Weakness	7	3.9	The Standard Setters	66
1.6	Depreciation and Balance Sheet		3.10	Concepts and Principles	68
	'Values'	9	3.11	User Groups	70
1.7	Balance Sheets and Profit	10		Review of key points	73
1.8	A Company's Published Balance Shee	t 12		Self-testing questions	73
1.9	Role and Limitations of Balance			Assessment questions	73
	Sheets	14		Group activities and discussion	
1.10	Financial Accounting and			questions	74
	Management Accounting	17		Financial accounting in context	75
	Review of key points	18			
	Self-testing questions	18	4	Ratios and Interpretation: A	
	Assessment questions	21		Straightforward Introduction	77
	Group activities and discussion		4.1	Introduction	78
	questions	24	4.2	Financial Strength/Solvency	79
	Financial accounting in context	25	4.3	Profitability	83
			4.4	Stock Market Ratios	88
2	The Income Statement (Profit and		4.5	Working Capital Management	91
	Loss Account)	<i>27</i>	4.6	Financial Structure/Gearing	92
2.1	Introduction	28	4.7	Limitations and Comparisons	92
2.2	Terminology and Format	28	4.8	Ratios Ready Reference	94
2.3	Reasons for measuring Profit	30		Review of key points	99
2.4	What is Included as Revenues (or			Self-testing questions	100
	Income)	32		Assessment questions	102
2.5	What is Included as Expenses	33		Group activities and discussion	
2.6	A Company's Published Income			questions	103
	Statement	38		Financial accounting in context	104
2.7	Income Statement Detailed Items	39			
2.8	Subjective Measurement and		5	Profits: Definitions, Role and	
	Creativity Problems	41		Measurement	107
2.9	Role and Limitations of Income		5.1	Introduction	108
	Statements	42	5.2	Functions of Profit Measurement	108
	Review of key points	44	5.3	Different Elements of Profit	112
	Self-testing questions	44	5.4	Two Approaches to Profit	
	Assessment questions	46		Measurement	116

#### viii Detailed Table of Contents

5.5	Economic Theory and Profit	118	8.2	What is Creative Accounting?	190
5.6	Adjusting Financial Statements for		8.3	Some Problem Areas	195
	Rising Prices	120	8.4	How to Curtail Creative	
5.7	Inflation: Current Purchasing Power	124		Accounting	201
5.8	Maintaining Operating Capability:			Review of key points	210
	CCA	126		Self-testing questions	211
5.9	From Compromise to Fair Value and			Assessment questions	212
	All Inclusive	131		Group activities and discussion	
	Review of key points	133		questions	212
	Self-testing questions	134		Financial accounting in context	213
	Assessment questions	135		Timarieiai deeseaniing iii eentent	
	Group activities and discussion	133	9	Advanced Interpretation of	
	questions	136	,	Financial Statements	215
	Financial accounting in context	137	9.1	Introduction	216
	Tillariciai accounting in context	137			210
,	How the Ctool Market Accesses		9.2	Calculating Ratios from Published	216
6	How the Stock Market Assesses	120	0.3	Accounts	216
<i>c</i> 1	Company Performance	139	9.3	Solvency and Predicting Financial	222
6.1	Introduction	140		Distress	222
6.2	Investing in Shares	140	9.4	Performance	227
6.3	What Influences Share Prices?	141	9.5	Other Information from Annual	
6.4	Accounting Information and Share			Reports	235
	Prices	143		Review of key points	238
6.5	The Financial Times	145		Self-testing questions	238
6.6	Price/Earnings (P/E) Ratios	147		Assessment questions	239
6.7	Dividend Yield	150		Group activities and discussion	
6.8	Dividend Cover	152		questions	240
6.9	Net Asset (or Balance Sheet) Value	152		Financial accounting in context	241
5.10	Cash flow	154		<u> </u>	
5.11	Other Indicators/Predictors of		10	Assets, Liabilities, Revenues and	
	Performance	155		Expenses	243
5.12	A Further Illustration	156	10.1	Introduction	244
	Review of key points	1 <i>57</i>	10.2	Assets	244
	Self-testing questions	158	10.3	Liabilities	251
	Assessment questions	159	10.4	Revenues and Income	256
	Group activities and discussion		10.5	Expenses	262
	questions	160	10.5	Review of key points	269
	Financial accounting in context	161		Self-testing questions	270
	Tillalicial accounting in context	101		Assessment questions	270
7	Cash Flow and Profit	163			270
7.1	Introduction	164		Group activities and discussion questions	271
					271
7.2	The Accruals Concept	165		Financial accounting in context	2/2
7.3	Cash Flow Statements	167	44	r: . p .	075
7.4	Interpreting Cash Flow Statements	172	11	Financing a Business	275
7.5	Cash Budgets	177	11.1	Introduction	276
	Review of key points	180	11.2	Share Capital	277
	Self-testing questions	181	11.3	Borrowing	281
	Assessment questions	183	11.4	Retained Earnings	286
	Group activities and discussion		11.5	Management of Working	
	questions	185		Capital	288
	Financial accounting in context	186	11.6	Other Sources of Finance	300
	-			Review of key points	302
8	Creative Accounting	189		Self-testing questions	302
8.1	Introduction	190		Assessment questions	305

#### **Detailed Table of Contents**

ix

	Group activities and discussion			Review of key points	390
	questions	310		Self-testing questions	391
	Financial accounting in context	311		Assessment questions	393
	· ·			Group activities and discussion	
12	Investment Appraisal	314		questions	395
12.1	Introduction	315		Financial accounting in context	395
12.2	Investment	315		8	
12.3	Methods of Investment Appraisal	316	15	Trial balance to Final Accounts	397
12.4	Cost of Capital	329	15.1	Introduction	398
12.5	Uncertainty and Risk	334	15.2	Sole Traders	398
	Review of key points	336	15.3	Companies	407
	Self-testing questions	336	15.4	Partnerships	410
	Assessment questions	338		Review of key points	417
	Group activities and discussion			Self-testing questions	417
	questions	340		Assessment questions	422
	Financial accounting in context	341		Group activities and discussion	
	8			questions	426
13	Planning, Decision-Making and			Financial accounting in context	426
	Control	343		8	
13.1	Introduction	344	16	Cash Flow Statements and	
13.2	Management Accounting and			Incomplete Records	428
	Costing	344	16.1	Cash Flow Statements	429
13.3	Absorption Costing	352	16.2	How to Prepare a Cash Flow	
13.4	Marginal Costing and Break-Even			Statement	433
	Analysis	<i>357</i>	16.3	Incomplete records	437
13.5	Evaluation of Absorption Costing			Review of key points	441
	and Marginal Costing	361		Self-testing questions	441
13.6	Budgetary Planning and Control	363		Assessment questions	444
	Review of key points	365		Group activities and discussion	
	Self-testing questions	366		questions	448
	Assessment questions	367		,	
	Group activities and discussion			Appendices	
	questions	369		Answers to Self-testing Questions	449
	Financial accounting in context	369		Answers to Activities	492
14	Bookkeeping to Trial Balance	371		Glossary	496
14.1	Introduction	<i>372</i>			
14.2	Bookkeeping in Practice	<i>379</i>		Index	502
14.3	Bookkeeping Systems	<i>387</i>			



## **Preface**

This book is intended to help readers to understand financial accounting and to see how it can be used in practice, particularly in the interpretation and management of company finances. It should appeal to future managers, rather than to those who want to become accountants. It is intended to be 'user friendly' for those who are put off by conventional presentations of the subject based on arcane rules and procedures. Students from an arts background, for whom figures are sometimes a painful necessity, will probably find that this is as good as it gets with accounting textbooks.

It is an introductory text that is particularly suitable for degree courses in management and business studies, including MBAs and other master's degree programmes. The approach is analytical, critical and evaluative, amply illustrated with real-world examples.

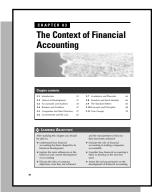
The book goes beyond basic financial accounting, and readers may be interested in its application in relation to the stock market (Chapter 6), financing a company (Chapter 11), investment appraisal (Chapter 12); or in the history and context of financial accounting, and problems in relation to creative accounting (Chapters 3 and 8). In response to requests from users, this new edition provides additional material on bookkeeping and procedural matters (Chapters 14–16) which some modules require; and a new chapter introducing management accounting (Chapter 13). Interpretation of accounts is a problem for many students and a simplified 'ready reference' guide to accounting 'ratios' is now provided in Chapter 4, with more advanced issues dealt with in a separate chapter (Chapter 9). After covering the basics of balance sheets and income statements (Chapters 1 and 2) the book is designed so that any chapter can be studied in almost any order according to the readers' particular interests, or the requirements of a course.

Ample resources are provided to enable readers to understand and apply financial accounting. Self-testing questions (numerical, theoretical and analytical) are included in each chapter, with answers at the end of the book. Assessment questions are provided without answers. Discussion questions and group activities are included to encourage readers to become involved in exploring important questions; and these can be related to current issues in the press by analysing the 'financial accounting in context' illustrations.

All companies produce annual reports and accounts that include a great deal of valuable information if only managers, analysts, financial journalists, economists, bankers and everyone with an interest in business and management would take the time and trouble to understand them. This book is intended to help. Similarly, students who produce projects and dissertations, and politicians and journalists who analyse particular companies and industries, can benefit from a thorough understanding of published financial statements that this book provides. In the main it explains financial accounting as an important resource that has valuable applications; but its approach is also critical, and it encourages readers to think about important issues and to reach their own conclusions.



## **Guided Tour**



### Chapter Contents

A brief list of key chapter contents is highlighted at the start of every chapter.

#### Learning Objectives

Each chapter opens with a set of learning objectives, summarizing what you should learn from each chapter.



#### Introduction

Each chapter opens with an introduction, which sets the scene and introduces you to the issues that will be addressed in the chapter.

#### Illustrations

Each chapter provides a number of examples and balance sheets, which illustrate and summarize important concepts, helping you to apply theory to accounting practice.



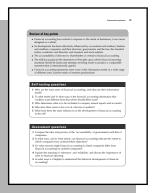
#### Summary

This briefly reviews and reinforces the main topics you will have covered in each chapter to ensure you have acquired a solid understanding of the key topics.





#### xii Guided Tour







#### Review of Key Concepts

A brief recap at the end of each chapter is ideal for revising accounting concepts.

#### Self-testing Questions

These questions encourage you to review and apply the knowledge you have acquired from each chapter and can be undertaken to test your understanding. Answers are provided at the end of the book.

#### **Assessment Questions**

This section provides a multitude of questions you may be asked in an exam. They can be used as helpful revision questions or to check your progress as you cover the topics throughout the text.

## Group Activities and Discussion Questions

These questions can be used to spark debate in class and can also help readers to think around the topic.

## Financial Accounting in Context

Relevant chapters end with a press item that aims to illustrate the main themes of the chapter, allowing you to appreciate how the theory applies in real life.

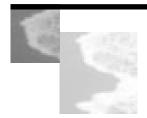
## References and Further Reading

A list of reference from the chapter, plus useful websites, can be used for further research.









## **Technology to Enhance Learning and Teaching**

Visit www.mcgraw-hill.co.uk/textbooks/perks today



#### **Online Learning Centre (OLC)**

After completing each chapter, log on to the supporting Online Learning Centre website. Take advantage of the study tools offered to reinforce the material you have read in the text, and to develop your knowledge in a fun and effective way.

#### Resources for students include:

- Learning objectives
- Useful Weblinks

#### Also available for lecturers:

- Solutions to questions in book
- Additional exam questions
- PowerPoint slides

**Content Centre** 



**Lecturers: Customize Content for your Courses using the McGraw-Hill Primis** 

Now it's incredibly easy to create a flexible, customized solution for your course, using content from both US and European McGraw-Hill Education textbooks, content from our Professional list including Harvard Business Press titles, as well as a selection of over 9,000 cases from Harvard, Insead and Darden. In addition, we can incorporate your own material and course notes.

For more information, please contact your local rep who will discuss the right

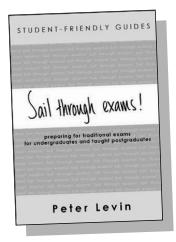
delivery options for your custom publication – including printed readers, e-Books and CDROMs. To see what McGraw-Hill content you can choose from, visit www.primisonline.com

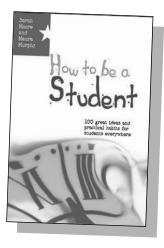


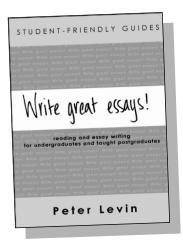
xiv Teaching to Enhance Learning and Teaching

#### **Study Skills**

Open University Press publishes guides to study, research and exam skills to help undergraduate and postgraduate students through their university studies.





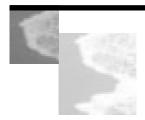


Visit www.openup.co.uk/ss to see the full selection of study skills titles, and get a £2 discount by entering the promotional code study when buying online!

#### **Computing Skills**

If you'd like to brush up on your computing skills, we have a range of titles covering MS Office applications such as Word, Excel, PowerPoint, Access and more.

Get a £2 discount off these titles by entering the promotional code **app** when ordering online at www.mcgraw-hill.co.uk/app



## **Acknowledgements**

Our thanks go to the following reviewers for their comments at various stages in the text's development:

Ian Crawford – University of Bath/University of Reading Denise Gallagher – University of Leeds Kathy Grieve – University of Central England Danny Leiwy – University of Westminster Dr. Julian Wyn Lloyd Jones – University of Manchester John Parker – University of Sheffield Clare Roberts – University of Aberdeen Trina Small – Dublin City University

Daily Telegraph: Chapter 1, Chapter 4, Chapter 8; Sunday Telegraph: Chapter 6, Chapter 7; Financial Times: Chapter 3, Chapter 9, Chapter 10 – 2 articles; Investors Chronicle: Chapter 5; Sunday Times: Chapter 12; Accountancy Age: Chapter 11, Chapter 14, Chapter 15; Accountancy Magazine: Chapter 2; Financial Management: Chapter 13

Every effort has been made to trace and acknowledge ownership of copyright and to clear permission for material reproduced in this book. The publishers will be pleased to make suitable arrangements to clear permission with any copyright holders whom it has not been possible to contact.