HORNGREN'S COST ACCOUNTING

A MANAGERIAL EMPHASIS



3RD EDITION

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Preface

Studying management accounting is one of the best business investments a student can make, because managers of all organisations—whether profit-seeking (ranging from a small corner store in Darwin to a large multinational corporation like BHP Billiton) or not-for profit—need to use management accounting concepts, information and practices. Management accounting provides key data to managers that enable them to plan, control and estimate the costs of outputs (products and services) and other cost objects like customers. We focus on how management accounting helps managers to make better decisions because management accountants are integral members of their organisations' decision-making teams. This textbook provides a decision-making framework and demonstrates how the analytical tools that students will learn prepare them to contribute to an organisation's success. As future management accountants and informed managers, they will provide data, perform analyses and estimate the effects on revenue and costs.

Notwithstanding his contributions to other areas, Charles T. (Chuck) Horngren's biggest imprint was on management accounting.1 Before the 1960s, cost accounting textbooks had placed primary emphasis on calculating the cost of inventory for financial reporting, with little emphasis on managers' uses of accounting information. Credited with 'pioneering modern-day management accounting' and described as 'a champion of innovation and change', Horngren published his own Cost accounting: a managerial emphasis in 1962. This broke with traditional texts of the time and almost on its own changed the emphasis of the discipline. Horngren's objective was to demonstrate to university teachers and students alike 'how the most important role of accounting within an organization was as a management tool for making wiser decisions. The book soon became one of the most respected and widely used textbooks in the field, used throughout the world.' The sixteenth US (global) edition is in press at the time of writing and continues to focus on management accounting information that informs managers and managers' decisions in changing organisations within a changing environment. Although Horngren himself moved from cost accounting to the broader ambit of management accounting, the title of his original text has been retained because it is firmly connected with his work in this area.

Among other major issues, an organisation's successful strategy, development and implementation depend on sound decisions. By focusing on basic concepts, analyses, uses and procedures instead of procedures alone, we recognise management accounting as a managerial tool for business strategy and implementation. Increasingly, organisations are concerned with the social and environmental impacts of their decisions, and the management accountant has a role to play in recognising and measuring those impacts. Rapidly changing social, environmental and economic conditions present opportunities and threats. To be economically sustainable, organisations must recognise and manage the interrelationships between social, environmental and economic performance.

The first Australian edition was a response to feedback from Australian academics who called for a book to which their students could relate and with which they could readily engage. The second edition improved on this theme, and the third edition continues in the same vein, presenting the best of both worlds. The authors are among world leaders in the development of contemporary management accounting and illustrate their ideas with Australian examples that

¹ This paragraph is based largely on Castillo, C. 2011, 'The Stanford GSB Experience School news & history. Charles T. Horngren, Management Accounting Pioneer: 1926–2011', https://www.gsb.stanford.edu/stanford-gsb-experience/news-history/charles-t-horngren-management-accounting-pioneer-1926-2011; the quoted material is extracted from that piece.

make the textbook come alive for students. Every chapter features stories about Australian and international organisations, including their efforts to improve sustainability to demonstrate the connection between sustainability and cost and management accounting concepts.

The third Australian edition largely maintains the structure and emphasis of the two previous editions. In preparing the current edition, we have noted the comments of reviewers and users of the second Australian edition, the fifteenth and sixteenth US editions and our own experience of teaching management accounting. While responding to the need for a strong Australian context, we recognise that many organisations operate in a global context and that many of our students are from other countries. The third edition accordingly maintains an Australian flavour within a global context.

Hallmark features of Horngren's Cost accounting: a managerial emphasis

- Exceptionally strong emphasis on managerial uses of cost information.
- Clarity and understandability.
- Aimed at preparing students for the rewards and challenges they might face in the professional management accounting world of today and tomorrow, through the development of analytical skills and the values and behaviours that make management accountants effective in the workplace.
- Excellent integration of cutting-edge and well-established topics.
- Emphasis on and integration of sustainability: from its introduction in chapter 1, through illustrating its connection with management accounting via real-world features drawn from various organisations and contexts throughout the book, to comprehensive coverage in chapter 21, the final chapter of the book.
- Emphasis on behavioural implications.
- Extensive use of real-world examples, both Australian and international.
- Ability to teach chapters in different sequences.
- Excellent quantity, quality and range of assignment material.
- Streamlined presentation.
- *Try It* interactive questions to give students the opportunity to apply a concept they have just learned.

Features retained from the first two Australian editions

- The five-step guide to decisions, which appears throughout.
- The modular, flexible organisation that permits a unit to be custom-tailored and to facilitate diverse approaches to teaching and learning.
- Vignettes that open each chapter.
- Concepts in action features.
- Sustainability in action features.
- As in the second edition, 'Determining how costs behave' (chapter 3) precedes 'Cost-volume-profit analysis' (chapter 4) to provide a foundation for cost behaviour before dealing with it.

Revised chapter sequence

- Chapters 5–9 present a cohesive focus on managing processes, activities and capacity and estimating costs and prices for outputs (whether services or products) and other cost objects, as well as activity-based costing.
- Chapters 11–13 similarly focus on management control, responsibility accounting, budgeting, standard costing and variance analysis.
- Chapters 15–20 extend management control to strategic control and performance evaluation.
- Chapter 21 (previously chapter 14) consolidates the *Sustainability in action* features and provides a basis for evaluating social and environmental issues in the context of strategic and operational dimensions addressed throughout the text. This material appears at the end of the text to facilitate the holistic approach described above. In response to feedback, the chapter also focuses more tightly on management accounting issues.
- Chapter 10, 'Decision making and relevant information', has again been moved in the current edition—so that pricing is added to students' knowledge acquired from earlier chapters and is available to students to apply to decisions in chapter 10.
- 'Allocation of support-department costs, common costs and revenues' (chapter 14; previously chapter 13) has been moved to facilitate the flow of earlier chapters.

Revised chapter content

We have introduced many new vignettes and *Concepts in action* features while retaining the best of the rest.

- New end-of-chapter questions, exercises and problems have been added to all chapters and most of those that have been retained have been revised.
- Chapter 1 has been broadened and extended to the examination of strategic issues.
- Absorption costing and its impact on reported profit have been moved from chapter 2 in the second edition to the latter part of chapter 6. Students are likely to assimilate this topic more readily at that point, after an in-depth examination of costing issues in chapter 5 and in earlier sections of chapter 6.
- A new chapter (chapter 5) has been added on estimating the costs of services, extending the emphasis on services introduced in the second edition. It includes the purposes of and criteria for allocating costs, and the symptoms of a failing costing system, which had appeared in chapter 6 of the second edition (now chapter 8). The material presented in chapter 5 also applies to chapter 6 and serves as an appropriate lead-in to chapter 8.
- Chapter 6 itself has been extended to include estimation of the cost of inventory and profit earned.
- Chapters 7 and 8 have both been restructured and rewritten, with extensive revision of the language of activity-based costing.

There is ample text and assignment material in the textbook's 21 chapters for a two-semester course, while the first 13 chapters provide the essence of a one-semester course with the opportunity to add chapters as required. This textbook can be used immediately after a student has completed an introductory course in financial accounting, or it can build on an introductory course in managerial accounting.

Key features of the Australian edition



Learning objectives open each chapter and outline the key concepts to be covered. They are then signposted in the margins to indicate where a particular objective is covered.

Decision points are included throughout the chapters so that towards achieving the learning objectives.

students can check their progress



A framework for decision making in the form of a five-step guide to decisions features in chapter 1 and in most of the subsequent chapters. It illustrates the way in which managers might use management accounting information for various decisions.



Real company vignettes open each chapter. The vignettes engage the reader in a business situation, or a dilemma, illustrating why and how the concepts in the chapter are relevant in business.

Concepts in action

features cover realworld cost accounting issues across a variety of industries in Australia and





chapter, Try it interactive questions give students the opportunity to apply a concept they have just learned. Solutions are given at the end of each chapter.



Sustainability in action

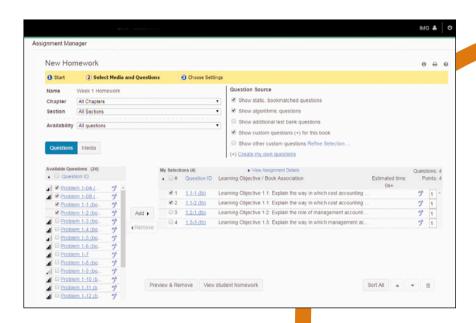
features show how integral sustainability issues are to cost and management accounting.

MyLab Accounting for Horngren's Cost accounting: a managerial emphasis, 3e

A guided tour for students and educators

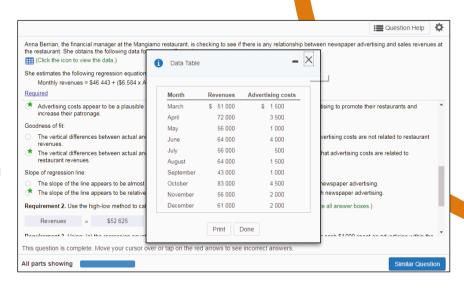
Test and assignments:

Each MyLab™ comes with preloaded assignments, all of which are automatically graded and include select end-of-chapter questions and problems from the textbook.

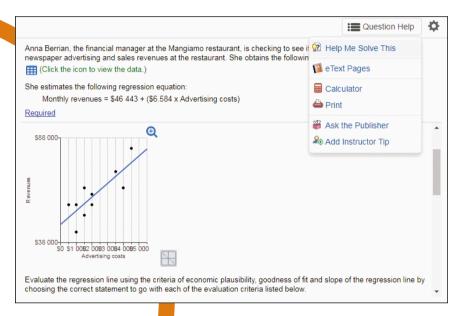


Unlimited practice:

Many Study Plan and Instructor-assigned exercises contain algorithms to ensure that students get as much practice as they need. As students work through Study Plan or Homework exercises, instant feedback and tutorial resources guide them towards understanding.



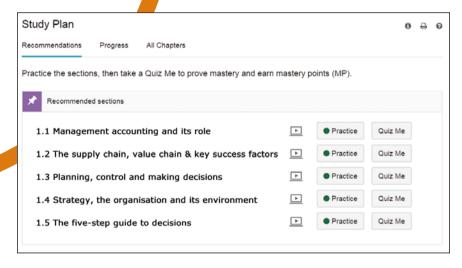
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Learning resources:

To further reinforce understanding, Study Plan and Homework problems link to additional learning resources:

- Step-by-step guided solutions
- Graphing tool
- eText linked to sections for Study Plan questions.



Study Plan:

A Study Plan is generated from each student's results on quizzes and tests. Students can clearly see which topics they have mastered and, more importantly, which they need to work on.