FUNDAMENTAL ACCOUNTING PRINCIPLES

Eighth edition

Pyle, White, and Larson

eighth edition

Fundamental accounting principles

1978



RICHARD D. IRWIN, INC. Homewood, Illinois 60430 Irwin-Dorsey Limited Georgetown, Ontario L7G 4B3

© RICHARD D. IRWIN, INC., 1955, 1959, 1963, 1966, 1969, 1972, 1975, and 1978

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher.

ISBN 0-256-01994-0 Library of Congress Catalog Card No. 77-79382 Printed in the United States of America

1234567890K54321098

LEARNING SYSTEMS COMPANY—
a division of Richard D. Irwin, Inc.—has developed a
PROGRAMMED LEARNING AID
to accompany texts in this subject area.
Copies can be purchased through your bookstore
or by writing PLAIDS,
1818 Ridge Road, Homewood, Illinois 60430.

Preface

This Eighth Edition of Fundamental Accounting Principles, like previous editions, is designed for use in a first-year accounting course at the college and university level. It describes the fundamental concepts and principles that underlie accounting information, shows how accounting data are accumulated, and initiates the student into the effective use of such data. The balance between financial and managerial topics has been carefully reassessed and apportioned with the intent of serving the educational needs of both students who will make accountancy their career and those who will use accounting information in other areas of specialty or in their personal affairs.

In this revision, we have attempted to make several improvements while retaining the important thrust of previous editions, which was and is presenting a flexible and teachable, yet demanding textual base for introductory accounting. Many sections of the book have been rewritten to provide a more understandable, logical flow of discussion. All of the material has been updated wherever appropriate, and the most recent pronouncements of the various authoritative bodies such as the Financial Accounting Standards Board and the Securities and Exchange Commission have been incorporated. To provide space for an expansion of topical coverage in the area of managerial planning and control, some of the more procedural subjects were condensed. Also, the content of some chapters has been rearranged to gain more instructional efficiency. New chapters have been added on accounting for price-level changes and on flexible budgeting. The previous coverage of fixed budgets has been revised to emphasize the preparation of master budgets for several sequential periods; and the income tax chapter has been revised to reflect the most recent changes in the federal income tax laws. To aid the student, each chapter is begun with a set of measurable objectives designed to focus attention on important areas of coverage and on expected student performance. A glossary of important terms has also been added at the end of each chapter.

As in previous editions, the instructor's flexibility in topical and homework assignments has been maximized. Almost any chapter after the fifth may be omitted or abbreviated and, if desired, a minimum of time may be devoted to such subjects as special journals and the voucher system. Although we prefer to teach the course by following the chapter sequence as presented, instructors may substantially alter the sequence of chapter assignments without complicating the student's understanding of the materials that follow. For example, Chapters 13 and 14 may be taught in either the first or second of a two-semester course, since the working papers for the problems of these chapters are included in both the first and second semester booklets of working papers.

The supplementary materials accompanying the text are even more extensive than in previous editions. A workbook of study guides, two booklets of working papers, three practice sets, and a list of problem check figures are available to students. Instructors may obtain a series of ten achievement tests, two final examinations, a booklet of supplementary test questions and short-answer problems, comprehensive solutions manuals for the problems of the text, the practice sets, and the tests, and transparency solutions to each problem in the text plus 35 additional teaching transparencies to be used as aids in classroom presentations.

The booklet of supplementary test questions and short-answer problems, which is new with this edition, allows instructors added flexibility in designing quizzes and examinations that fit their own philosophy and teaching emphasis. The questions and problems are grouped by chapter for ease in preparing pop quizzes.

Three alternate sets of achievement tests and final examinations are available, with each final exam structured into 50 multiple-choice questions and problems that may be graded either electronically or manually. To insure that the examination questions are more than five-answer guessing games, the mistakes students commonly make are anticipated and the resulting wrong answers are provided among the answer choices.

Many adopters of the previous edition and other individuals have contributed to changes in this revision through their criticisms and suggestions. We are indebted to all of them. Special appreciation is due to Russell Andersen, Peat Marwick Mitchell & Co.; Phyllis Barker, Indiana State University; Hugo J. Dallas, El Camino College; Sherman Dearth, William A. Holt, Jeff Hooper, and Lee C. Wilson, Mesa Community College; Al A. Evans, Southwest Missouri State University; Louis H. Gilles, University of South Carolina; Blanca M. Gonzalez, Miami Dade Community College; Carl E. High, New York City Community College; Michael D. Kinsman, University of California, Irvine; Ralph P. Knost, University of Cincinnati; Jack Kramer,

The University of Texas at Austin; Margaret McRae, Arthur Anderson & Co.; Paul W. Parkison, Ball State University; Robert L. Pease, Penn Valley Community College; Joseph E. Rhile, Lake-Sumter Junior College; Marvin J. Slovacek, San Antonio College; Frank F. Silloway, Essex Community College; William P. Thompson, Kennesaw Junior College; Harold O. Wilson, David Lipscomb College; and Robert G. Wrenn, Los Angeles Harbor College.

January 1978

WILLIAM W. PYLE KERMIT D. LARSON

Contents

Part 1. Introduction

chapter 1

Accounting, an introduction to its concepts

3

Why study accounting. Accountancy as a profession. The work of an accountant. Accounting and bookkeeping. Focus of this text. Accounting statements. Assets, liabilities, and owner equity. Business entity concept. Cost principle. Objectivity principle. Continuing-concern concept. The stable-dollar concept. Accounting principles. Source of accounting principles. The balance sheet equation. Effects of transactions on the accounting equation. Realization principle. Important transaction effects.

Part 2. Processing accounting data

chapter 2

Recording transactions

33

Business papers. Accounts. Accounts commonly used. The ledger. Debit and credit. Mechanics of double-entry accounting. Transactions illustrating the rules of debit and credit. The accounts and the equation. Preparing a trial balance. The proof offered by a trial balance. Standard account form. Need for a journal. The General Journal. Recording transactions in a General Journal. Posting transaction information. Locating errors. Correcting errors. Bookkeeping techniques.

chapter 3

Adjusting the accounts and preparing the statements

69

Need for adjustments before statements are prepared. Adjusting the accounts. The adjusted trial balance. Preparing statements from the adjusted trial balance. The adjustment process. Arrangement of the accounts in the ledger.

Disposing of accrued items. Cash and accrual bases of accounting. Classification of balance sheet items. Owner equity on the balance sheet. Arrangement of balance sheet items. Classification of income statement items.

chapter 4

The work sheet and closing the accounts

105

Preparing a work sheet. The work sheet illustrated. Work sheet and the financial statements. Work sheet and adjusting entries. Work sheet and closing entries. Why closing entries are made. Closing entries illustrated. Sources of closing entry information. The accounts after closing. The post-closing trial balance. Matters of terminology. The accounting cycle. Accounting periods; the natural business year.

chapter 5

Accounting for a merchandising concern

141

Revenue from sales. Cost of goods sold. Cost of goods sold, periodic inventory system. Income statement of a merchandising concern. Work sheet of a merchandising concern. Preparing the statements; adjusting entries. Closing entries. Closing entries and the inventory. Other methods. Dispensing with the Adjusted Trial Balance columns. Bases of revenue recognition. Taking the ending inventory. Trade discounts. Debit and credit memoranda. Code numbers as a means of identifying accounts.

chapter 6

Accounting systems

177

Reducing posting labor. Subsidiary ledgers. Posting the sales journals. Controlling accounts. Other columnar journals. Cash Receipts Journal. Posting the Cash Receipts Journal. Posting rule. Sales returns. Accounts payable. The Purchases Journal and its posting. Purchase of assets used in the business. The Cash Disbursements Journal and its posting. Identifying posted amounts. Purchases returns. Proving the ledgers. Sales taxes. Sales invoices as a Sales Journal. The Combined Cash Journal. Speeding the data processing. Electric accounting machines. Automated data processing.

Part 3. Accounting for assets

chapter 7

Accounting for cash

221

Internal control. Internal control for cash. The voucher system and control. The voucher system and expenses. Recording vouchers. The petty cash fund. Petty cash fund illustrated. Cash over and short. Reconciling the bank balance. Illustration of a bank reconciliation. Other internal control procedures. APPENDIX. Recording vouchers, pen-and-ink system. The unpaid vouchers file. The voucher system, check register. Purchases returns.

chapter 8

Notes and accounts receivable

263

Promissory notes. Calculating interest. Recording the receipt of a note. Dishonored notes receivable. Discounting notes receivable. Payment of a discounted note by its maker. Dishonor of a discounted note. Collecting an out-of-town note. End-of-the-period adjustments. Accounts receivable. Bad debts. Matching bad debt losses with sales. Allowance method of accounting for bad debts. Bad debt recoveries. Other bases for estimating bad debts. Aging accounts receivable. Direct write-off of bad debts.

chapter 9

Inventories and cost of goods sold

297

Matching merchandise costs with revenues. Assigning a cost to the ending inventory. Accounting for an inventory at cost. The principle of consistency. Changing accounting procedures. Items included on an inventory. Elements of inventory cost. Cost or market, the lower. Principle of conservatism. Inventory errors. Perpetual inventories. Periodic and perpetual inventory systems. Estimated inventories.

chapter 10

Plant and equipment

325

Cost of plant and equipment. Nature of depreciation. Productive life of a plant asset. Salvage value. Allocating depreciation. Depreciation on the balance sheet. Balance sheet plant asset values. Recovering the costs of plant assets. Disposal of a plant asset. Depreciation for partial years. Plant asset records. Plant assets of low cost.

chapter 11

Plant and equipment; intangible assets

357

Exchanging plant assets. Exchanging a note for a plant asset. Revising depreciation rates. Repairs and replacements. Betterments. Capital and revenue expenditures. Natural resources. Intangible assets. Appendix. The concept of present value.

Part 4. Accounting for equities: Liabilities and partners' equity

chapter 12

Payroll accounting

393

The federal Social Security Act. Withholding employees' federal income taxes. City and state income taxes. Fair Labor Standards Act. Union contracts. Other payroll deductions. Timekeeping. The Payroll Register. Recording the

payroll. Paying the employees. Payroll bank account. Employee's Individual Earnings Record. Payroll taxes levied on the employer. Paying the payroll taxes. Accruing taxes and wages. Machine methods.

chapter 13

Current and long-term liabilities

423

Short-term notes payable. End-of-the-period adjustments. Issuing a mortgage to borrow money. Difference between stocks and bonds. Why bonds are issued. Borrowing by issuing bonds. Characteristics of bonds. Issuing bonds. Bonds sold between interest dates. Bond interest rates. Bonds sold at a discount. Bonds sold at a premium. Accrued bond interest expense. Sale of bonds by investors. Redemption of bonds. Convertible bonds. Bond sinking fund. Restriction on dividends due to outstanding bonds. Long-term notes.

chapter 14

Partnership accounting

457

Characteristics of a partnership. Advantages and disadvantages of a partnership. Partnership accounting. Nature of partnership earnings. Division of earnings. Earnings allocated on a stated fractional basis. Division of earnings based on the ratio of capital investments. Salaries and interest as aids in sharing. Partnership financial statements. Addition or withdrawal of a partner. Death of a partner. Liquidations.

Part 5. Corporation accounting

chapter 15

Corporations: Organization and operation

493

Advantages of the corporate form. Disadvantages of the corporate form. Organizing a corporation. Organization costs. Management of a corporation. Stock certificates and the transfer of stock. Corporation accounting. Corporation owner equity accounts illustrated. Authorization of stock. Selling stock for cash. Exchanging stock for assets other than cash. Par value and minimum legal capital. Stock premiums and discounts. No-par stock. Cash dividends and retained earnings. Dividend policy. Rights of stockholders. Preferred stock. Why preferred stock is issued. Stock values.

chapter 16

Corporations: Additional stock transactions, income, and retained earnings

529

Stock subscriptions. Sale of stock through subscriptions, with collections in installments. Subscribed stock on the balance sheet. Treasury stock. Purchase of treasury stock. Reissuance of treasury stock. Retirement of stock. Donation of assets by outsiders. Contributed capital in the accounts and on

the statements. Retained earnings and dividends. Contributed capital and dividends. Stock dividends. Stock splits. Converting bonds to stock. Appropriation of retained earnings. Comprehensive treatment of equity items. Retained earnings statement. Extraordinary gains and losses. Accounting changes. Prior period adjustments. Comparative single-step income statement. Accounting treatment for corporation income taxes.

chapter 17

Corporations: Stock investments, intercorporate investments, and consolidations

569

Stocks as investments. Classifying investments. Accounting for investments in stock. Parent and subsidiary corporations. Consolidated balance sheets. Earnings of a subsidiary. Consolidated balance sheets at dates after acquisition. Other consolidated statements. Purchase versus a pooling of interests. Who uses consolidated statements. The corporation balance sheet.

Part 6. Financial statements Interpretation and modifications

chapter 18

Statement of changes in financial position:

Flows of funds and cash

601

Nature of funds and working capital. Sources and uses of funds. Statement of changes in financial position. Preparing a statement of changes in financial position. Determining the change in working capital. Preparing the working paper. Analysis of working capital changes. Extraordinary gains and losses. Broad concept of financing and investing activities. Cash flow statement. Preparing a cash flow statement.

chapter 19

Analyzing financial statements

635

Comparative statements. Analysis of working capital. Standards of comparison. Other balance sheet and income statement relations.

chapter 20

Accounting for price-level changes

665

Understanding price-level changes. Construction of a price index. Using price index numbers. Specific versus general price-level indexes. Using price indexes in accounting. General price-level-adjusted (GPLA) accounting. GPLA accounting for assets. Preparing comprehensive GPLA financial statements. GPLA accounting and current values. Current value accounting. Replacement cost accounting. The future of accounting for price-level changes.

此为试读,需要完整PDF请访问: www.ertongbook.com

Part 7. Managerial accounting for costs

chapter 21

Departmental accounting; responsibility accounting

697

Basis for departmentalization. Departmental gross profits in a merchandising business. Securing departmental information. Income statement showing departmental gross profits. Allocating expenses. Bases for allocating expenses. Mechanics of allocating expenses. Allocating service department expenses. Departmental expense allocation sheet. Eliminating an unprofitable department. Departmental contributions to overhead. Controllable costs and expenses. Responsibility accounting. Joint costs.

chapter 22

Manufacturing accounting

729

Basic difference in accounting. Systems of accounting in manufacturing concerns. Elements of manufacturing costs. Accounts unique to a manufacturing company. Income statement of a manufacturing company. Manufacturing statement. Worksheet for a manufacturing company. Preparing a manufacturing company's work sheet. Preparing statements. Adjusting entries. Closing entries. Inventory valuation problems of a manufacturer.

chapter 23

Cost accounting, job order, and process

759

JOB ORDER COST ACCOUNTING. Job cost sheets. The Goods in Process account. Accounting for materials under a job cost system. Accounting for labor in a job cost system. Accounting for overhead in a job cost system. Overapplied and underapplied overhead. Recording the completion of a job. Recording cost of goods sold. Process cost accounting. Assembling costs by departments. Charging costs to departments. Equivalent finished units. Process cost accounting illustrated.

Part 8. Planning and controlling business operations

chapter 24

The master budget: A formal plan for the business

799

The master budget. Benefits from budgeting. The budget committee. The budget period. Preparing the master budget. Preparation of the master budget illustrated.

chapter 25

Cost-volume-profit analysis

823

Cost behavior. Cost assumptions. Break-even point. Break-even graph. Sales required for a desired net income. Margin of safety. Income from a given sales level. Other questions. Multi-product break-even point. Evaluating the results.

chapter 26

Flexible budgets; standard costs

845

Fixed budgets and performance reports. FLEXIBLE BUDGETS. Preparing a flexible budget. Flexible budget performance report. STANDARD COSTS. Establishing standard costs. Variances. Isolating material and labor variances. Charging overhead to production. Establishing overhead standards. Overhead variances. Controlling a business through standard costs. Standard costs in the accounts.

chapter 27

Capital budgeting; managerial decisions

873

Capital budgeting. Accepting additional business. Buy or make. Other costs. Scrap or rebuild defective units. Process or sell. Deciding the sales mix.

chapter 28

Tax considerations in business decisions

899

Tax planning. Tax evasion and tax avoidance. State and municipal income taxes. History and objectives of the federal income tax. Synopsis of the federal income tax. Tax effects of business alternatives. Net income and taxable income. Taxes and the distortion of net income. Entries for the allocation of taxes.

Index

933

PART

Introduction

1 Accounting, an introduction to its concepts

After studying (Etapter), you should be whiches

- Tell the function of accounting and the nature and purpose of the information it provides.
- List the main fields of accounting and tell the kinds of work carried on in each field.
- List the accounting concepts and principles introduced and tell the effect of each on accounting records and statements.
- Describe the purpose of a balance sheet and of an income statement and tell the kinds of information presented in each.
- Recognize and be able to indicate the effects of transactions on the elements of an accounting equation.
- Prepare simple financial statements.
- Define or explain the words and phrases listed in the chapter Glossary.

chapter 1

Accounting, an introduction to its concepts

Accounting is a service activity the function of which is to provide quantitative information about economic entities. The information is primarily financial in nature and is intended to be useful in making economic decisions.¹ If the entity for which the information is provided is a business, for example, the information is used by its management in answering questions such as: What are the resources of the business? What debts does it owe? Does it have earnings? Are expenses too large in relation to sales? Is too little or too much merchandise being kept? Are amounts owed by customers being collected rapidly? Will the business be able to meet its own debts as they mature? Should the plant be expanded? Should a new product be introduced? Should selling prices be increased?

In addition, grantors of credit such as banks, wholesale houses, and manufacturers use accounting information in answering such questions as: Are the customer's earning prospects good? What is his debt-paying ability? Has he paid his debts promptly in the past? Should he be granted additional credit? Likewise, governmental units use accounting information in regulating businesses and collecting taxes; labor unions use it in negotiating working conditions and wage agreements; and investors make wide use of accounting data in investment decisions.

¹ Accounting Principles Board, "Basic Concepts and Accounting Principles Underlying Financial Statements of Business Enterprises," *APB Statement No. 4* (New York: AICPA, October 1970), par. 9.

² Obviously, women as well as men are customers—and students and accountants. In this discussion as in others not referring to a specific person, the pronouns *he*, *his*, and *him* are used in their generic sense and should be understood to include both men and women.

Why study accounting

Information for use in answering questions like the ones listed is conveyed in accounting reports. If a business owner, manager, banker, lawyer, engineer, or other person is to use these reports effectively, he or she must have some understanding of how their data were gathered and the figures put together. He or she must appreciate the limitations of the data and the extent to which portions are based on estimates rather than precise measurements, and he or she must understand accounting terms and concepts. Needless to say, these understandings are gained in a study of accounting.

Another reason to study accounting is to make it one's lifework—to become a professional accountant. A career in accounting can be very interesting and highly rewarding.

Accountancy as a profession Over the past half century accountancy as a profession has attained a stature comparable with that of law or medicine. All states license certified public accountants or CPAs just as they license doctors and lawyers, and for the same reason—to help ensure a high standard of professional service. Only individuals who have passed a rigorous examination of their accounting and related knowledge, met other education and experience requirements, and have received a license may designate themselves as certified public accountants.

The requirements for the CPA certificate or license vary with the states. In general an applicant must be a citizen, 21 years of age, of unquestioned moral character, and a college graduate with a major concentration in accounting. Also he or she must pass a rigorous threeday examination in accounting theory, accounting practice, auditing, and business law. The three-day examination is uniform in all states and is given on the same days in all states. It is prepared by the American Institute of Certified Public Accountants (AICPA) which is the national professional organization of CPAs. In addition to the examination, many states require an applicant to have two or more years of work experience in the office of a CPA or the equivalent before the certificate is granted. However, some states do not require the work experience and some states permit the applicant to substitute one or more years of experience for the college level education requirement. On this score the AICPA's Committee on Education and Experience Requirements for CPAs has expressed the opinion that at least five years of college study are necessary to obtain the body of knowledge needed to be a CPA; and for those meeting this standard, no previous work experience should be required.³ However, it will be several years before all states accept this recommendation. In the meantime the interested student can learn the requirements of any state in which he is interested by writing to its state board of accountancy.

此为试读