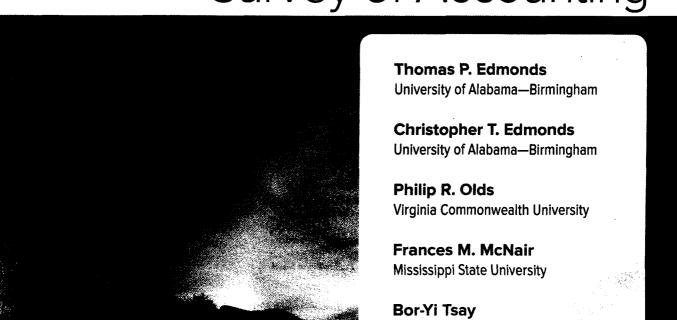
Survey of Accounting

Kennesaw State University





CONTENTS

Walkthrough viii



Chapter 1 An Introduction to Accounting

ř		(
		9
	M	Ì
	3.	F

Section 1: Col	lecting	and	Orgai	nizing
Information	3			

Role of Accounting in Society

Accounting Facilitates Resource Allocation 4

Accounting Provides Information

Types of Accounting Information 6

Nonbusiness Resource Usage 6

Accounting Improves Communication 6

Accounting Provides Jobs 7

Reporting Entities 8

Elements of Financial Statements 10

Using Accounts to Gather Information 10

Creating an Accounting Eauation 11

Recording Business Events under an Accounting Equation

Asset Source Transactions 13 Asset Exchange Transactions 14 Another Asset Source Transaction 14

Asset Use Transactions 14 Summary of Transactions 16

Interpreting Information Shown in the Accounting Equation

The Left versus the Right Side of the Accounting Equation 16

Cash and Retained Earnings

Business Liquidations Resulting from

Net Losses 17

Business Liquidations Resulting from the Mismanagement of Assets 18

Two Views of the Right Side of the Accounting Equation 18

Recap: Types of Transactions

Section 2: Reporting Information

Preparing an Income Statement, a Statement of Changes in Stocholders' Equity, and a

Balance Sheet

Income Statement and the Matching Concept 20

Statement of Changes in Stockholders' Equity 22

Balance Sheet 22

Preparing the Statement of Cash Flows 23

Distinguish between Permanent and Temporary Accounts

The Horizontal Financial Statements Model 25

Real-World Financial Reports 26

Annual Report for Target Corporation 28

Special Terms in Real-World

Reports 28

A Look Back 29

A Look Forward 29

Self-Study Review Problem 30

Key Terms 31

Questions 31

Multiple-Choice Questions 32

Section 1 Exercises

Section 2 Exercises

Sections 1 and 2 Problems 41

Analyze, Think, Communicate 45



Chapter 2 Accounting for Accruals and Deferrals 48

Section 1: Accounting for Accruals 49

Accounting for Receivables 50

Recognizing Accounts Receivable 50
Other Events 51

Accounting for Payables (Adjusting the Accounts) 52

Summary of Events and General Ledger 53

Preparing Financial Statements 54

Income Statement 54
Statements of Changes in
Stockholders' Equity 54
Balance Sheet 54
Statement of Cash Flows 54
Comparing Cash Flow from
Operations with Net Income 56
The Closing Process 56

Steps in an Accounting Cycle 57

The Matching Concept 57
The Conservatism Principle 58

Section 2: Accounting for Deferrals 58
Second Accounting Cycle 59
Accounting for Supplies 59

Year-End Adjustment for Supplies 60

Accounting for Prepaid Items 61

Year-End Adjustment for Prepaid Rent 62

Accounting for Unearned Revenue 63

Year-End Adjustment for Unearned Revenue 63 Other 2019 Events 64 Summary of Events and General Ledger 64

Preparing Financial Statements 67

Closing for the 2019 Accounting Period 68

Transaction Classification 70

A Look Forward 71

Self-Study Review Problem 72

Key Terms 73

Questions 74

Multiple-Choice Questions 74

Section 1 Exercises 74

Section 2 Exercises 77

Sections 1 and 2 Problems 84

Analyze, Think, Communicate 89

A Look Back 71



Chapter 3 Accounting for Merchandising Businesses 92

Accounting for Inventory Transactions 95

Allocating Inventory Cost between Asset and Expense Accounts 95 Perpetual Inventory System 96 Effects of 2018 Events on Financial Statements 96 Financial Statements for 2018 97

Transactions Related to Inventory Purchases 98

Effects of 2019 Events on Financial Statements 99

Accounting for Purchase Returns and Allowances 99

Purchase Discounts 100
The Cost of Financing

Inventory 100
Accounting for Transportation

Adjustment for Lost, Damaged, or Stolen Inventory 103

Recognizing Gains and Losses 105

Costs 101

Multistep Income Statement 105

Events Affecting Sales 107

Accounting for Sales Returns and Allowances 108 Accounting for Sales Discounts 109 Net Sales 109

Net Sales 103

Common Size Financial Statements 109

A Look Back 111

A Look Forward 112

Appendix 112

Self-Study Review Problem 113

Key Terms 115

Questions 115

Multiple-Choice Questions 116

Exercises 116

Problems 123

Analyze, Think, Communicate 127



Chapter 4 Internal Controls, Accounting for Cash, and Ethics 130

Key Features of Internal Control Systems 132

Separation of Duties 132
Quality of Employees 133
Bonded Employees 133
Required Absences 133

Procedures Manual 133

Accounting for Cash 135

Controlling Cash 135
Checking Account Documents 136

Reconciling the Bank Account 137

Determining True Cash Balance 137 Illustrating a Bank Reconciliation 140

Importance of Ethics 143

Common Features of Criminal and Ethical Misconduct 143

Role of the Independent Auditor 145

The Financial Statement
Audit 146
Materiality and Financial

Audits 146
Types of Audit Opinions 147
Confidentiality 147

A Look Back 148
A Look Forward 149
Self-Study Review Problem 149
Key Terms 150

Multiple-Choice Questions 151

Exercises 151 Problems 155

Questions 150

Analyze, Think, Communicate 159



Chapter 5 Accounting for Receivables and Inventory Cost Flow 162

Estimating Uncollectible Accounts
Expense Using the Percent of Revenue
Method 164

Accounting Events Affecting the 2018 Period 164

Analysis of 2018 Financial Statements 166 Accounting Events Affecting the 2019 Period 167 Analysis of the 2019 Financial Statements 169

Estimating Uncollectible Accounts
Expense Using the Percent of
Receivables Method 170

Aging Accounts Receivable 171

Matching Revenues and Expenses versus Asset Measurement 172

Accounting for Notes Receivable (Promissory Notes) 172

How Accounting for Notes Receivable Affects Financial Statements 173 Financial Statements 175

Accounting for Credit Card Sales 176
Inventory Cost Flow Methods 177

Specific Identification 177

First-In, First-Out (FIFO) 178

Last-In, First-Out (LIFO) 178

Weighted Average 178

Physical Flow 178

Effect of Cost Flow on Financial

Statements 178

A Look Forward 185
Self-Study Review Problem 1 186
Self-Study Review Problem 2 187
Key Terms 188
Questions 188

Multiple-Choice Questions 189
Exercises 189

Problems 197

A Look Back 185

Analyze, Think, Communicate 203



Chapter 6 Accounting for Long-Term Operational Assets 206

Long-Term Operational Assets 208

Tangible Long-Term Assets 208
Intangible Assets 208
Determining the Cost of Long-Term
Assets 209

Methods of Recognizing Depreciation Expense 210

Dryden Enterprises Illustration 211

Straight-Line Depreciation 21'

Effects on the Financial Statements 212

Double-Declining-Balance Depreciation 213

Effects on the Financial Statements 214

Units-of-Production Depreciation 216

Effects on the Financial Statements 217

Accounting for the Disposal of Long-Term Operational Assets 217

Comparing the Depreciation Methods 218

Revision of Estimates 219

Revision of Life 219 Revision of Salvage 219

Continuing Expenditures for Plant Assets 219

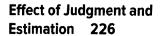
Costs That Are Expensed 219
Costs That Are Capitalized 220

Natural Resources 222 Intangible Assets 222

Trademarks 222
Patents 223
Copyrights 224
Franchises 224
Goodwill 224

Expense Recognition for Intangible Assets 225

Expensing Intangible Assets with Identifiable Useful Lives 225
Impairment Losses for Intangible Assets with Indefinite Useful Lives 225
Balance Sheet Presentation 226



Judgment in Financial Reporting 226 Effect of Industry

Characteristics 228 A Look Back 228

A Look Forward 229

Self-Study Review Problem 229

Key Terms 230

Questions 230

Multiple-Choice Questions 230

Exercises 230

Problems 237

Analyze, Think, Communicate 243



Accounting for Liabilities 246 Chapter 7

Current Liabilities 248 Accounting for Notes Payable

Accounting for Sales Tax 249

Contingent Liabilities

Warranty Obligations

Financial Statements 252 Accounting for Long-Term Debt 253

Installment Notes Payable 254

Line of Credit 256

Bond Liabilities 258

Advantages of Issuing Bonds 258

Bonds Issued at Face Value 258

Effect of Events on Financial Statements 259

Financial Statements 260

Effect of Semiannual Interest

Payments 261

Amortization of a Bond Discount Using the Straight-Line Method

Effective Interest Rate 262

Bond Prices 262

Effect of Events on Financial Statements 262

Financial Statements 264

Amortization of a Bond Premium Using the Straight-Line Method 266

The Market Rate of Interest 266

Security for Loan Agreements 267

Current versus Noncurrent 267

A Look Back 269

A Look Forward 269

Appendix 270

Self-Study Review Problem 274

Key Terms 275

Questions 275

Multiple-Choice Questions 275

Exercises 276

Problems 283

Analyze, Think, Communicate 289



Proprietorships, Partnerships, and Chapter 8 Corporations 292

Forms of Business Organizations 294

Advantages and Disadvantages of Different Forms of Business Organization 294

Appearance of Capital Structure in Financial Statements 297

Characteristics of Capital Stock 298

Par Value 298

Stated Value 299

Other Valuation Terminology 299

Stock: Authorized, Issued, and

Outstanding 299

Common versus Preferred Stock 299

Common Stock 300 Preferred Stock 300 Classes of Stock 301

Accounting for Stock Transactions on the Day of Issue 301

Issuing Par Value Stock 301
Stock Classification 302
Stock Issued at Stated Value 302
Stock Issued with No Par Value 302
Financial Statement
Presentation 303

Treasury Stock 303 Cash Dividends 305

Declaration Date 305
Date of Record 306
Payment Date 306

Stock Dividends and Splits 306

Stock Dividends 306 Stock Splits 306

Appropriation of Retained Earnings 307

Financial Statement Presentation 307

Investing in Capital Stock 308

Receiving Dividends 308
Increasing the Price of Stock 309
Exercising Control through Stock
Ownership 309

A Look Back 310
A Look Forward 311
Self-Study Review Problem 311
Key Terms 312
Questions 312
Multiple-Choice Questions 313
Exercises 313
Problems 319
Analyze, Think, Communicate 323



Chapter 9 Financial Statement Analysis 326

Factors in Communicating Useful Information 328

The Users 328
The Types of Decisions 328
Information Analysis 328

Methods of Analysis 328

Horizontal Analysis 329
Vertical Analysis 331
Ratio Analysis 332

Measures of Debt-Paying Ability 333 Liquidity Ratios 333

Working Capital 333
Current Ratio 334
Quick Ratio 334
Accounts Receivable Ratios 335
Inventory Ratios 336

Solvency Ratios 337

Debt Ratios 337

Number of Times Interest is Earned 337

Plant Assets to Long-Term Liabilities 339

Measures of Profitability 339 Measures of Managerial

Effectiveness 339

Net Margin (or Return on Sales 339

Asset Turnover Ratio 340

Return on Investment 340

Return on Equity 341

Stock Market Ratios 341

Earning per Share 342 Book Value 342 Price-Earnings Ratio 342
Dividend Yield 343
Other Ratios 343
Limitations of Financial Statement
Analysis 344
A Look Back 346
A Look Forward 346

Self-Study Review Problem 347

Key Terms 349

Questions 349

Multiple-Choice Questions 349

Exercises 349

Problems 354

Analyze, Think, Communicate 360





Chapter 10 An Introduction to Management Accounting 364

Differences between Managerial and Financial Accounting 366

Users and Types of Information 366
Level of Aggregation 366
Regulation 367
Information Characteristics 367
Time Horizon and Reporting
Frequency 367

Product Costing in Manufacturing Companies 368

Components of Product Cost 368
Tabor Manufacturing Company 368
Average Cost per Unit 369
Costs Can Be Assets or
Expenses 369

Effect of Manufacturing Product Costs on Financial Statements 370

Upstream, Midstream, and
Downstream Costs in Manusfacturing,
Service, and Merchandising
Companies 375

Cost Classification in Service and Merchandising Companies 376

Schedule of Cost of Goods Manufactured and Sold 378

Just-in-Time Inventory 380

Just-in-Time Illustration 380

Statement of Ethical Professional Practice 382

A Look Back 383
A Look Forward 384
Appendix 385
Self-Study Review Problem 386
Key Terms 389
Questions 389
Multiple-Choice Questions 390
Exercises 390

Analyze, Think, Communicate 402

Problems 397



Chapter 11 Cost Behavior, Operating Leverage, and Profitability Analysis 406

Fixed Cost Behavior 408
Operating Leverage 408

Calculating Percentage Change 410 Risk and Reward Assessment 410
Variable Cost Behavior 410

An Income Statement under the Contribution Margin Approach 412

Measuring Operating Leverage Using Contribution Margin 412

Cost Behavior Summarized 413

Determining the Break-Even Point 416

Equation Method 417
Contribution Margin per Unit
Method 417
Determining the Sales Volume
Necessary to Reach a Desired
Profit 418

Calculating the Margin of Safety 419

A Look Back 420

A Look Forward 421

Self-Study Review Problem 1 421

Self-Study Review Problem 2 423

Key Terms 425

Questions 425

Multiple-Choice Questions 425

Exercises 425

Problems 431

Analyze, Think, Communicate 436



Chapter 12 Cost Accumulation, Tracing, and Allocation 440

Determine the Cost of Cost Objects 442

Estimated versus Actual Cost 442
Assignment of Costs to Objects in a
Retail Business 442
Identifying Direct and Indirect
Costs 443
Cost Classifications—Independent
and Context Sensitive 444

Allocating Indirect Costs to Objects 444

Determining the Cost to Be Allocated Using Cost Pools 446

Selecting the Cost Driver 447

Cause and Effect versus Availability of Information 447 Behavioral Implications 449 Cost Drivers for Variable Overhead Costs 451 Cost Drivers for Fixed Overhead Costs 453

The Human Factor: A Comprehensive Example 455

Using Cost Allocations in a
Budgeting Decision 455
Using Cost Drivers to Make
Allocations 455
Choosing the Best Cost Driver 456
Controlling Emotions 456

A Look Back 457

A Look Forward 457

Self-Study Review Problem 457

Key Terms 459

Questions 459

Multiple-Choice Questions 460

Exercises 460

Problems 464

Analyze, Think, Communicate 467

Pro Forma Financial Statement
Data 517

Cash Budget 517

Cash Receipts Section 518
Cash Payments Section 518
Financing Section 518
Pro Forma Financial Statement
Data 519

Pro Forma Financial Statements 519

Pro Forma Income Statement 519
Pro Forma Balance Sheet 520

Pro Forma Statement of Cash Flows 520

A Look Back 521

A Look Forward 522

Self-Study Review Problem 522

Key Terms 524

Questions 524

Multiple-Choice Questions 524

Exercises 525

Problems 530

Analyze, Think, Communicate 534



Chapter 15 Performance Evaluation 538

Decentralization Concept 540

Responsibility Centers 540
Controllability Concept 540

Preparing Flexible Budgets 541

Determining Variances for Performance Evaluation 542

Sales and Variable Cost Volume Variances 543

Interpreting the Sales and Variable Cost Volume Variances 543 Fixed Cost Considerations 544

Flexible Budget Variances 544

Calculating the Sales Price
Variance 545
The Human Element Associated with
Flexible Budget Variances 546
Need for Standards 547

Managerial Performance Measurement 547

Return on Investment 548

Qualitative Considerations 549
Factors Affecting Return on
Investment 549

Residual Income 550

Calculating Multiple ROIs and/or RIs for the Same Company 552 Responsibility Accounting and the Balanced Scorecard 553

A Look Back 553

A Look Forward 554

Self-Study Review Problem 1 554

Self-Study Review Problem 2 556

Key Terms 557

Questions 557

Multiple-Choice Questions 558

Exercises 558

Problems 563

Analyze, Think, Communicate 566





Chapter 16 Planning for Capital Investments 570

Capital Investment Decisions 572

Time Value of Money 572

Determining the Minimum Rate of Return 572

Converting Future Cash Inflows to Their Equivalent Present Values 573

Techniques for Analyzing Capital
Investment Proposals 577
Net Present Value 577
Internal Rate of Return 578
Techniques for Measuring Investment

Cash Flows 579

Cash Inflows 579
Cash Outflows 580

Techniques for Comparing Alternative Capital Investment Opportunities 580

Net Present Value 580

Techniques that Ignore the Time Value of Money 586

Payback Method 586 Unadjusted Rate of Return 587

Postaudits 589

A Look Back 589
Appendix 590
Self-Study Review Problem 591
Key Terms 592
Questions 592

Multiple-Choice Questions 593

Multiple-Choice Questions 593
Exercises 593
Problems 596
Analyze, Think, Communicate 599

Appendix A Accessing the EDGAR Database through the Internet 602
Appendix B The Double-Entry Accounting System 603
Glossary 611
Index 621



Chapter 13 Relevant Information for Special Decisions 470

Relevant Information 472

Sunk Cost 472

Opportunity Costs 472

Relevance Is an Independent

Concept 473

Relevance Is Context

Sensitive 473

Relationship between Relevance

and Accuracy 473

Quantitative versus Qualitative

Characteristics of Decision

Making 474

Differential Revenue and Avoidable

Cost 474

Relationship of Cost Avoidance to a

Cost Hierarchy 474

Relevant Information and Special Decisions 475

Special Order Decisions 475

Quantitative Analysis 475

Opportunity Costs 477

Relevance and the Decision

Content 477

Qualitative Characteristics 478

Outsourcing Decisions 478

Quantitative Analysis 478

Opportunity Costs 479

Evaluating the Effect of Growth on

the Level of Production 479

Qualitative Features 480

Segment Elimination Decisions 481

Quantitative Analysis 481

Qualitative Considerations in Decisions

to Eliminate Segments 482

Summary of Relationships between

Avoidable Costs and the Hierarchy of

Business Activity 484

Asset Replacement Decisions 484

Quantitative Analysis 484

A Look Back 485

A Look Forward 486

Self-Study Review Problem 487

Key Terms 489

Questions 489

Multiple-Choice Questions 490

Exercises 490

Problems 497

Analyze, Think, Communicate 501



Chapter 14 Planning for Profit and Cost Control 506

The Planning Process 508

Three Levels of Planning for Business

Activity 508

Advantages of Budgeting 508

Budgeting and Human

Behavior 509

The Master Budget 510

Hampton Hams Budgeting Illustration 511

Sales Budget 511

Projected Sales 511

Schedule of Cash Receipts 511

Pro Forma Financial Statement
Data 512

Inventory Purchases Budget 513

Schedule of Cash Payments for Inventory Purchases 514

Pro Forma Financial Statement
Data 515

Selling and Administrative Expense Budget 515

Schedule of Cash Payments for Selling and Administrative Expenses 515