

Contents

Preface.....	xi
■ CHAPTER 1 Introduction to Management Accounting and Cost Accounting.....	1
The Purpose of Accounting	2
Information Needs in Business.....	2
Different Sources of Information for Businesses	4
A Definition of Accounting.....	5
The Job of an Accounting System	5
The “Accounting Family”	6
Financial Accounting.....	7
Cost and Management Accounting	9
Is Accounting a Universal Language?	10
Differences in Financial Accounting.....	11
Differences in Cost and Management Accounting.....	13
National Differences in Management Accounting – Problem or Strength?	15
German “Controllers” versus “Management Accountants”	16
The Role of a Controller in a Business Organization	17
Ethical Aspects of Accounting	19
■ CHAPTER 2 Cost Terms and Cost Concepts	23
The Meaning of “Cost” in Business.....	24
Comparing Cost with Other Accounting Measures	26
Company Goals as Starting Point of Accounting Measures.....	26
Different Accounting Measures for Different Purposes	26
Receipts and Payments: Changes in a Company’s Cash Position	26
Proceeds and Expenditures: Changes in a Company’s Monetary Assets	27
Income and Expenses: Changes in a Company’s Total Assets.....	28
Revenues and Costs: Changes in a Company’s Required Assets.....	29
Comparing Different Value Concepts in Business Operations.....	30
Cost Revisited: An Overview of Different Cost Concepts	39
Overview	39
Cost Concepts for Predicting Cost Behavior	39

Cost Concepts for Comparing Cost	43
Cost Concepts for Differentiating Time Reference.....	44
Cost Concepts for Decision making.....	46
Cost Concepts for Assigning Cost to Different Objects.....	48
Cost Concepts for Analyzing Cash Relevance.....	50
Cost Concepts for Preparing Financial Statements.....	52
Relevance of Cost Categories for Business Management	53
■ CHAPTER 3 Cost Behavior and Cost Estimation.....	61
Things to Know About Cost Behavior	62
No Costs without Cost Drivers!.....	63
Typical Shapes of Cost Functions	64
Cost Stickiness and Cost Elasticity	67
Mathematical Models of Cost Behavior: Cost Functions	69
Methods for Estimating Cost.....	72
Heuristics	72
Conference Method	73
Account Analysis Method.....	73
Scatterplots and Visual Fit Method.....	74
High-low Method.....	75
Regression Analysis	76
Engineering Method (Physical Measurement).....	78
Comparison of Methods and Examples.....	79
■ CHAPTER 4 The Basic Structure of a Cost Accounting System	89
Cost Accounting as Information Source in Business.....	90
Defining the Conceptual Framework for a Cost Accounting System.....	92
Defining Relevant Cost Objects.....	93
The Minimum Set-Up	93
The Advanced Set-Up	95
Defining Principles for Recording and Allocating Cost	96
Comparing Cost Allocation Principles	101
Comparison	105
Defining Time Reference and Cost Accounting Periods.....	106
General Cost Accounting Principles	109
The Basic Layout of a Cost Accounting System	111
IT as an Enabler of Cost Accounting Systems.....	113

■ CHAPTER 5 Cost Type Accounting	117
Purpose and Nature of Cost Type Accounting.....	118
Cost Categorizations Used in Cost Type Accounting.....	119
Cost Categorization Chart and Chart of Accounts	119
How to Value Resource Consumption.....	122
Main Cost Types in Detail.....	123
Cost of Material	124
Cost of Labor	128
Asset-related Cost.....	129
Cost of Financing / Cost of Capital.....	130
Third Party Cost.....	130
Taxes and Public Fees.....	131
Imputed Cost.....	132
Imputed Depreciation.....	133
Imputed Interest	138
Imputed Risk Charges	142
Imputed Management Salaries.....	144
Imputed Rent.....	145
■ CHAPTER 6 Cost Center Accounting	151
Purpose and Nature of Cost Center Accounting.....	152
Splitting the Organization into Cost Centers.....	154
Number of Cost Centers in Practice.....	155
Primary Cost Allocation.....	157
The Cost Allocation Chart.....	159
Overview Cost Allocation Chart for Comparing Multiple Cost Centers.....	160
Detailed Cost Allocation Chart for Managing Sub-unit Cost.....	160
Determining the Allocation Base for Overhead Costs.....	161
Determining Overhead Allocation Rates.....	165
Internal Support Department Cost Allocation.....	165
Cost Allocation Problems in Internal Support Departments.....	166
Combining Support Cost Allocation Principles – An Example.....	168
Allocating Costs of Multiple Support Departments.....	171
Direct Method	175
Step-Down Method	177
Reciprocal Method.....	180
Iterative Method.....	182
Does Support Department Cost Allocation Really Matter?.....	184

■ CHAPTER 7 Cost Unit Accounting (Product Costing)	191
Purpose of Product Costing	192
Overview of Product Costing Methods	194
Process Costing	195
Single-Stage Process Costing	196
Two-Stage Process Costing	196
Multi-Stage Process Costing.....	197
Equivalence Coefficient Costing	199
Multi-Stage Equivalence Coefficient Costing.....	202
Job Order Costing	203
Simple Job Order Costing	204
Extended Job Order Costing	206
Department-based Costing.....	209
Machine Hour-Based Costing	212
Joint Product Costing	214
■ CHAPTER 8 Absorption Costing versus Variable Costing	221
Accounting for Profits	222
Absorption Costing	223
Absorption Costing Example.....	224
Strengths of Absorption Costing	226
Weaknesses of Absorption Costing	227
Variable Costing	229
Multi-Step Variable Costing.....	231
Variable Costing Example.....	233
Decision making with Variable Costing	235
Product Portfolio Decisions.....	235
Product Mix Decisions.....	237
Product Mix Decisions under Capacity Constraints.....	238
Special Orders.....	240
Outsourcing Decisions	242
Outsourcing Decisions and Opportunity Costs	245
Qualitative Factors Influencing Outsourcing Decisions.....	248
Cost-Volume-Profit Decisions	249
Break-Even Analysis	249
Graph Method for Break-Even Analysis.....	252
Target Operating Income	253
Sensitivity Analysis for Cost-Volume-Profit Decisions	254
Assumptions in Cost-Volume-Profit Analysis.....	256

Strengths of Variable Costing	257
Weaknesses of Variable Costing	257
■ CHAPTER 9 Cost Planning, Standard Costing and Variance Analysis	263
The Importance of Cost Planning	264
Conceptual Approaches to Cost Planning.....	265
Static Cost Planning	266
Flexible Cost Planning.....	268
Flexible Cost Planning Based on Full Absorption Cost.....	269
Flexible Cost Planning Based on Variable Cost.....	273
Standard Costs as Basis for Cost Planning and Cost Management	274
Variance Analysis for Cost Management	275
Types of Cost Variances.....	277
The Problem of Overlapping Sub-variances.....	279
Approaches to Dealing With Overlapping Cost Variances	282
Alternative Method.....	285
Proportional Method	286
Cumulative Method	288
Differential-Cumulative Method	292
Bibliography	297
Index	301

