

## INDICE

Preface	XI
<b>Part 1.</b>	1
<b>Fundamentals of Managerial Accounting</b>	
<b>1. Accounting and the Management Process</b>	2
<b>Organizations: Their Objectives and Goals</b>	3
<b>The Management Process</b>	4
Planning and Budgeting	4
Organizing	5
Implementing	6
Controlling	7
<b>The Accountant in the Organization</b>	8
The Controller's Office	9
The Treasurer's Office	11
<b>The Accounting Process</b>	11
Financial Accounting	11
Managerial Accounting	12
Accounting Information's as an Economic Commodity	15
<b>Standards of Ethical Conduct</b>	15
<b>2. Cost Classification and Flow</b>	25
<b>Product Costs Versus Period Costs</b>	26
<b>Cost Classification in a Merchandising Company</b>	29
<b>Cost Classification in a Service Company</b>	31
<b>Cost Classification in a Manufacturing Company</b>	34
Direct Materials	36
Direct Labor	37
Manufacturing Overhead	37
Prime Costs and Conversion Costs	38
<b>Total Manufacturing Costs Versus Unit Manufacturing Costs</b>	40
<b>Manufacturing Cost Flows</b>	41
Statement of Cost of Goods Manufactured	42
Statement of Cost of Goods Manufactured and Sold	43
Two Product Costing Systems	46
Job Order Cost Accounting	46
Process Cost Accounting	46
<b>3. Cost Behavior and Estimation</b>	65
<b>Cost Behavior Patterns</b>	66
Variable Costs	66
Fixed Costs	68
Fixed Costs	69
Step Costs	70
<b>Causes of Cost Behavior Patterns</b>	72
<b>The Engineering Approach to Cost Estimation</b>	73
<b>Cost Estimation From Historical Data</b>	74
Selection of a Cost Driver	75
The Graphic Approach	76
The High – Low Approach	80
Regression Analysis	83

Using Cost Behavior in Reporting Income: The Contribution Format	87
<b>Parte 2.</b>	110
<b>Cost Accounting Systems</b>	
<b>4. Job Order Costing</b>	112
Designing a Cost Accounting System	113
<b>Choosing Between Job Order and Process Costing</b>	114
Job Order Costing	114
Process Costing	115
<b>Calculating the Average Cost per Unit</b>	116
<b>Accounting for Materials Costs</b>	118
Purchase of Materials	119
Accounting for Labor Costs	122
Accounting for Manufacturing Overhead Costs	126
<b>The Predetermined Overhead Rate</b>	127
Applied Overhead Costs	130
Actual Overhead Costs	130
<b>Accounting for Over – and Underapplied Overhead</b>	132
Causes of Over – and Underapplied Overhead	133
Reporting Over – or Underapplied Overhead	135
accounting for the Cost of Finished Goods and the Cost of Goods Sold	137
Cost of finished Goods	138
Cost of Goods Sold	139
<b>Preparing Statements of the Cost of Goods Manufactured and Sold</b>	141
The statement of Cost of Goods manufactured	141
The statement of Cost of Goods Sold	142
<b>5. Process Costing</b>	166
<b>A Simple Illustration of Process Costing</b>	167
<b>Identifying Costs with Activities</b>	170
<b>Accounting for Partially Completed Units in Ending Inventory</b>	174
Calculating Equivalent Units for Resources Added Uniformly	176
Calculating Equivalent Units for Resources Added in a Lump	177
Using Equivalent Units to Calculate Unit Costs and Total Costs	179
Accounting for Partially Completed Units in Beginning Inventory	184
The Moving Average Cost Flow Assumption	186
The FIFO Costs Flow Assumption	192
<b>Part 3.</b>	220
<b>Accounting in Managerial Planning Decisions</b>	
<b>6. Cost – Volume – Profit Analysis</b>	222
Basic Assumptions of Cost – Volume – Profit Analysis	223
Basic Approaches to Cost – Volume – Profit Analysis	225
Equation Approach	225
Contribution Margin per Unit Approach	226
Contribution Margin Ratio Approach	228
<b>The Graphic Approach to Cost – Volume – Profit Analysis</b>	231
<b>Some Managerial Uses of Cost – Volume – Profit Analysis</b>	234
Target Profit	234
Margin of Safety	235
Effect of a Change in Sales Price	236
Effect of a Change in Variable Costs	237

Effect of a Simultaneous Price and Cost Changes	238
<b>Multiproduct – Cost – Volume – Profit Analysis</b>	241
<b>Maximizing the Contribution from Scarce Resources</b>	244
<b>Computerized Cost – Volume – Profit Analysis</b>	247
<b>Appendix 6.- Linear Programming</b>	270
Formulation of the problem	272
Graphic Solution of a Linear Program	273
<b>7. Planning the Master Budget</b>	277
<b>Purposes of the Master Budget</b>	278
Strategic Planning	279
Coordination of Activities	279
Communications of Plans	279
Performance Evaluation	280
Uses and Abuses of the Master Budget	280
An Overview of the Master Budget	280
Preparing a Master Budget	283
Sales Budgets	283
Production Budget	286
Direct Materials Budget	292
Manufacturing Overhead Budget	293
Ending Inventory Budget	295
Selling and Administrative Expense Budget	296
Budgeted Income statement	298
Cash Budget	299
Budgeted Balance Sheet	300
<b>The Master Budget in a Merchandising Company</b>	304
Sales Budget	305
Purchases Budget	305
Selling and Administrative Expense Budget	307
Cash Budget	307
Budgeted Income Statement	309
Budgeted Balance sheet	309
<b>Use of Computerized Financial Planning Models</b>	313
<b>New Manufacturing Environment</b>	314
Suppliers	315
Flexibility in the Manufacturing Process	315
Quality	315
Benefits of a JIT Inventory System	316
<b>8. Relevant Costs and Management Decisions</b>	352
Recurring and Nonrecurring Decisions	353
Relevant Costs	354
Sunk Costs	354
<b>Special Orders and Capacity Utilization</b>	356
A Common Pitfall: Unit Fixed Costs	359
Other Factors in a Make – or – Buy Decision	363
<b>Adding and Dropping Products</b>	365
Sell – or – Process – Further Decisions	367
<b>Part 4.</b>	398

<b>Accounting in Managerial. Control Decisions</b>	
<b>9. Responsibility Accounting: Segmented Reporting and Direct Costing</b>	400
<b>Responsibility Accounting</b>	401
<b>Common Patterns for Dividing Responsibility</b>	403
Division by Business Function	403
Division by Product Line	403
Division by Geographic Region	405
<b>Financial responsibility Centers and Their Accounting Needs</b>	405
Expense Centers	407
Revenue Centers	407
Profit Centers	407
Investment Centers	408
<b>The Principle of Controllability</b>	409
Expense Centers	407
Revenue Centers	407
Profit Centers	407
Investment Centers	408
<b>The Principle of Controllability</b>	409
Level of Authority and Controllability	410
Time Period and Controllability	410
<b>Assigning Costs to Organizational Segments: Direct Costs versus Common Costs</b>	411
<b>Preparing Reports for Segments</b>	
Product – Line Reports	413
Territory Reports	415
Reports by type of Customer	418
<b>Controllability and Segmented Reporting</b>	420
Assigning Costs to Inventory: Direct Costing Versus Absorption Costing	422
<b>10. Standard Costs: Direct Materials and Direct Labor</b>	457
<b>Uses of Standard Costs</b>	458
Cost Accounting	459
Preparing Budgets	459
Measuring Performance	459
<b>Bases of Standard Costs</b>	460
Currently Attainable Standards	460
Theoretical Standard	460
<b>Direct Materials Variances</b>	461
Establishing Standards for Direct Materials	461
Calculating Variables for Direct Materials	462
Reporting Direct Materials variances to Management	468
<b>Direct Labor Variances</b>	470
Establishing Standards for Direct Labor	470
Calculating Variances for Direct Labor	471
Reporting Direct Labor Variances to Management	475
<b>Investigating Variances</b>	478
Statistical Quality Control	478
Managerial Judgment	480
<b>Standard Costs in the General Ledger</b>	481

<b>11. Flexible Budgets and Manufacturing Overhead Costs</b>	501
<b>Flexible Overhead Budgets</b>	502
Format for the flexible budget	503
Advantages of the flexible budget	504
Selecting a Cost Driver	505
<b>Manufacturing Overhead Standards</b>	506
Avoiding seasonal variations in Cost and Volume	506
Calculating the predetermined overhead Rate	506
Calculating the standard Applied Manufacturing Overhead Cost per Unit	507
<b>Manufacturing Overhead Variances</b>	508
The budget variance	508
The volume variance	518
Causes of Manufacturing Overhead Variances	524
Controllable Cost	524
Allocated Costs	524
Nonfinancial Measures for Controlling Manufacturing Overhead	525
<b>Application of Flexible Budget to Nonmanufacturing Activities</b>	526
<b>Manufacturing Overhead Costs in the General Ledger</b>	528
<b>12. Performance Measurement: Revenue Centers and Profit Centers</b>	551
Performance Measurement in Revenue Centers	552
Performance Measurement in Profit Centers	553
Uses of Revenue Variances	554
<b>Calculation of Revenue Variances</b>	556
Sales Price Variance	556
Sales Volume variance	559
Sales mix variance	559
Calculation of Expense and Revenue Variances for Profit Center Managers	566
Performance Analysis by Sales Territory, Distribution Chanel, and Product Line	570
Analysis by territory	571
Analysis by distribution Channel	575
Analysis by Products	577
<b>13. Performance Measurement: Investment Centers</b>	600
Return on Investment (ROI)	601
Calculating ROI	602
Setting a Budgeted ROR	602
Residual Income (RI)	603
Calculating RI	603
Setting Target rate of Return	605
The Du Pont Formula	605
Return on sales	605
Asset turnover	606
Calculating ROI with the Du Pont Formula	607
Using the Du Pont Formula	608
<b>Problems in Measuring Earnings for an Investment or Profit Center</b>	609
What is included in investment?	612
How are included Items Measured?	613
Supplementary Measures of Performance	614

<b>Transfer Prices</b>	617
Market – Based Transfer Prices	618
Cost – based Transfer Prices	624
<b>Multinational Transfer Pricing</b>	627
<b>Part.5</b>	652
<b>Advanced Topics in Managerial Accounting</b>	
<b>14. Introduction to Capital Expenditure Analysis</b>	654
Capital Expenditures and Long – Range Planning	655
Characteristics of Capital Expenditures	656
Return on Investment Versus Return of Investment	656
Discounted Cash Flow	657
<b>Present Value Analysis</b>	658
Calculating Future Values	658
Calculating Present Values (Discounting)	660
Calculating the Present Value of an Annuity	661
<b>Evaluation of Capital Expenditures</b>	664
New Product Investment	667
Machine Replacement	669
<b>The Incremental Approach to Evaluation</b>	669
<b>Time – Adjusted Rate of Return: An Alternate Method of Analysis</b>	672
Calculating the Time – Adjusted Rate of Return	673
Interpolating to Find the Time – Adjusted Rate of Return	675
<b>Postaudit of Capital Expenditures</b>	676
<b>15. Further Topics in Capital Expenditure Analysis</b>	691
The Effect of Income Taxes on Capital Expenditures	692
Gain or loss from selling old Equipment	692
Increased Revenues and Expenses	693
The Depreciation Tax Shield	695
Including Income Tax Effects in a Capital Expenditure Analysis	699
The Cost of Capital and the Minimum Rate of Return	703
Ranking Projects by Profitability Index	705
<b>Ranking Projects by Payback Period</b>	710
Calculating the Payback Period	710
Weaknesses of the Payback Method	712
Ranking Projects by Payback Period	710
Weaknesses of the Payback Method	712
Ranking Projects by Accounting Rate of Return	716
<b>16. Cost Allocation</b>	740
Shortcoming of Plantwide Predetermined Overhead Rates	741
Advantages of Activity – Based Predetermined Overhead Rates	743
Assigning Service Activity Costs to Production Activities	746
Identifying service Activities	747
Tracing Overhead Costs to Activities in Which They Were Incurred	748
Assigning Service Activity Costs to User Production Activities	748
Calculating Activity – Based Predetermined Overhead Rates	753
Assigning Fixed and Variable Costs Separately	756
<b>17. Analysis of Financial Statements</b>	778
Standards for Financial Comparison	779

Comparison with Predetermined Standards	780
Comparison with past performance	780
Comparison with Competitors	780
Preparing Comparative Statements	781
Showing Amount and Percentage of Change	781
Adjusting for Differences in Size: Common – Size Financial Statements	785
Use Of Ratios Earning – Power Ratios	795
Earnings per Share	795
Fully diluted Earnings per share	797
Price – Earnings Ratio	798
Dividend – Yield Ratio	799
Return on Total assets Ratio	800
Return on Common Shareholder’s Equity	801
Financial Leverage Debt – Paying – Ability Ratios	806
Working Capital	807
Current Ratio	808
Acid – Test Ratio	811
Accounts Receivable Turnover	811
Average Collection Period	812
Inventory Turnover	813
Average Selling Period	813
Times – Interest – Earned Ratio	814
Debt – to – Equity Ratio	815
Book Value per share	816
<b>18. Statement of Cash Flows</b>	<b>850</b>
Uses for statements of Cash Flows	851
Definition of cash	852
Identifying Cash Flows	853
Preparing a Simple Statement of Cash Flows from the Balance Sheet	855
Format for a statement of Cash Flows	856
T Accounts as an Aid in Preparing a Statement of Cash Flows	866
Using T Accounting to Double – Check and Refine Statements of Cash Flows	867
Using T Accounts to Prepare a Statement of Cash Flows	871
<b>Appendix A. Present Value Tables</b>	<b>917</b>
<b>Glossary</b>	<b>923</b>
<b>Index</b>	<b>937</b>