

**B. Com. (Hons.)**  
**Semester-5**  
**Cost Accounting - 3**  
**Course Code: DSC-C-ACC- 351**  
**Credit Mark Distribution -04**

<b>Unit 1</b>	<b>Process Costing 1</b> 1. Introduction 2. Procedure of Ascertaining Process Cost 3. Difference between Process Costing and Job Costing 4. Features of Process Costing 5. Elements of Cost of each Process 6. Process Loss and Wastage (1) Normal Loss (2) Abnormal Loss (3) Abnormal Gain 7. Accounting of Joint Products 8. Accounting of By-products 9. Practical Exercises	<b>25%</b>
<b>Unit 2</b>	<b>Process Costing 2</b> 1. Inter Process Profit 2. Calculating Equivalent Production 3. Statement of Evaluation 4. Opening Stock of Work-in-Progress: a) FIFO Method b) Average Method 5. Practical Exercises	<b>25%</b>
<b>Unit 3</b>	<b>Standard Costing - 1</b> 1. Introduction 2. Definition 3. Characteristics of Standard Costing 4. Advantages of Standard Costing 5. Limitations of Standard Costing 6. Setting Standards 7. Standard Cost Card 8. Material Variances 9. Labour Variances 10. Practical Exercises	<b>25%</b>
<b>Unit 4</b>	<b>Standard Costing - 2</b> 1. Introduction 2. Variable Overheads Variances 3. Fixed Overheads Variances 4. Sales Variances (A) Sales Value Variances (B) Sales Margin Variances 5. Practical Exercises	<b>25%</b>

**Pre-requisite** – Student should have primary understanding of the Basics of Costing Subject and its relevance.

**Co-requisite-** Student should take up theoretical and practical aspects of Process Costing & Standard Costing as integral part of Costing.

**Mode of Evaluation: Evaluation will be divided in two parts.**

**External:** Semester End Examination will be conducted by the Gujarat University of 50 Marks.

**Internal:** Internal Evaluation will be decided by the College/Institutes/University Department as per the instruction given by the University from time to time.

**Assessment Tools:** Projects, Assignments, MCQ tests

**Course Objectives:**

By the end of this course, students will:

1. Understand the **basic concepts and importance** of cost accounting.
2. Develop a strong understanding of **process costing systems** used in mass production environments.
3. Learn how to **identify and account for normal and abnormal losses/gains** in process costing.
4. Gain knowledge of **equivalent units, inter-process profits** and joint/by-products costing techniques.
5. Understand the **concept, types and methods of standard costing** as a tool for cost control and performance evaluation.
6. Develop skills in **variance analysis** to assess cost deviations related to materials, labour and overheads.
7. Enable decision-making through **cost control and cost reduction strategies** using process and standard costing techniques.

**Course Outcome**

After successful completion of this course, students will be able to:

1. **Explain the principles and procedures of process costing** and identify industries where it is applicable.
2. **Prepare process accounts**, including treatment of **normal loss, abnormal loss, scrap and wastage**.
3. **Calculate equivalent units**, prepare cost of production reports and account for **inter-process transfers**.
4. **Differentiate between joint products and by-products** and apply suitable costing methods for both.
5. **Define and explain standard costing** and its significance in cost control and budgeting.

6. **Compute and analyze variances** including material, labour and overhead variances.
7. **Interpret the reasons for variances** and suggest corrective measures for cost control and efficiency improvement.
8. Apply the concepts of process and standard costing in **practical scenarios** to aid managerial decisions.
9. Develop an understanding of **cost behavior patterns** and how they affect production and pricing decisions.

### **FBLD (Flip Blended Learning Design Template)**

- Any One Unit from the above syllabus can be discussed by the faculty through online mode.
- Online mode can be SWAYAM MOOC Course or any other suggested by the UGC or Gujarat University.

### **Taxonomy**

#### **MOOC Courses**

On Costing or any topics related to Process Costing & Standard Costing which is part of the above syllabus.

### **References**

- Arora, M. N. (2021). *Cost accounting: Principles and practice* (13th ed.). Vikas Publishing House.
- Jain, S. P., & Narang, K. L. (2022). *Cost accounting* (20th ed.). Kalyani Publishers.
- Maheshwari, S. N., & Mittal, S. N. (2020). *Cost accounting: Theory and problems* (23rd ed.). Shri Mahavir Book Depot.
- Horngren, C. T., Datar, S. M., & Rajan, M. V. (2018). *Cost accounting: A managerial emphasis* (16th ed.). Pearson Education.
- Drury, C. (2017). *Management and cost accounting* (10th ed.). Cengage Learning.
- Khan, M. Y., & Jain, P. K. (2019). *Cost accounting* (7th ed.). McGraw-Hill Education.
- Tulsian, P. C. (2021). *Cost accounting* (2nd ed.). S. Chand Publishing.
- Lal, J., & Srivastava, S. (2019). *Cost accounting* (6th ed.). Himalaya Publishing House.
- Institute of Cost Accountants of India. (2023). *Study material on cost accounting*. ICAI.
- Bhattacharyya, A. K. (2020). *Principles and practice of cost accounting* (3rd ed.). PHI Learning.

**B. Com. (Hons.)**  
**Semester-5**  
**Management Accounting - 1**  
**Course Code: DSC-C-ACC- 352**  
**Credit Mark Distribution -04**

<b>Unit 1</b>	<p><b>Introduction to Management Accounting</b></p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Limitations of Financial Accounting</li> <li>3. Definition of Management Accounting</li> <li>4. Characteristics of Management Accounting</li> <li>5. Various Functions of Management</li> <li>6. Scope of Management Accounting</li> <li>7. Tools and Techniques of Management Accounting</li> <li>8. Difference between Management Accounting and Financial Accounting</li> <li>9. Difference between Management Accountancy and Cost Accounting</li> <li>10. Management Accountant–His Status &amp; Functions</li> <li>11. Limitations of Management Accounting</li> </ol> <p><b>Financial Statements Analysis and Interpretation</b></p> <ol style="list-style-type: none"> <li>1. Meaning of Financial Statements</li> <li>2. Characteristics of Financial Statements</li> <li>3. Nature of Financial Statements</li> <li>4. Limitations of Financial Statements</li> <li>5. Purposes of Preparing Financial Statements</li> <li>6. Methods for Analysis of Financial Statements <ul style="list-style-type: none"> <li>➤ Comparative Statements</li> <li>➤ Trend Percentages</li> <li>➤ Common-size Statements</li> </ul> </li> <li>7. Practical Exercises</li> </ol>	<b>25%</b>
<b>Unit 2</b>	<p><b>Ratio Analysis</b></p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Accounting Ratios</li> <li>3. Interpretation Through Ratios</li> <li>4. Classification of Accounting Ratios <ul style="list-style-type: none"> <li>(A) Traditional Classification</li> <li>(B) Functional Classification</li> </ul> </li> <li>5. Profitability Ratios</li> <li>6. Liquidity Ratios</li> <li>7. Leverage Ratios</li> <li>8. Activity Ratios</li> <li>9. Advantages of Ratio Analysis</li> <li>10. Limitations of Ratio Analysis</li> <li>11. Practical Exercises (Any five Ratios can be asked in Examinations)</li> </ol>	<b>25%</b>

<b>Unit 3</b>	<b>Cash flow Statement</b> 1. Introduction 2. Cash Flow Statement 3. Effect of Non-cash Items on Cash Flows 4. Cash Inflow and Outflow from Fixed Assets and Liabilities 5. Specimen of Cash Flow Statement 6. Difference between Cash Flow and Fund Flow Statement 7. Utility of Cash Flow Statement 8. Limitations of Cash Flow Analysis 9. IndAS - 7 Cash Flow Statements 10. Practical Exercises (Practical questions consisting of five adjustments can be asked in Examinations)	<b>25%</b>
<b>Unit 4</b>	<b>Marginal Costing</b> 1. Introduction 2. Definition 3. Characteristics of Marginal Costing 4. Marginal Costing and Absorption Costing 5. Assumptions of Marginal Costing 6. Advantages of Marginal Costing 7. Limitations of Marginal Costing 8. Profit-Volume Ratio, Break-Even Point and Margin of Safety 9. Key Factor 10. Utility of Break-Even Analysis 11. Assumptions and Limitations of Break Even Analysis 12. Practical Exercises	<b>25%</b>

**Pre-requisite** – Student should have primary understanding of the Financial Accounting.

**Co-requisite-** Student should take up theoretical and conceptual background of Management Accounting subject along with Accounting Basics.

**Mode of Evaluation:** Evaluation will be divided in two parts.

**External:** Semester End Examination will be conducted by the Gujarat University of 50 Marks.

**Internal:** Internal Evaluation will be decided by the College/Institutes/University Department as per the instruction given by the University from time to time.

**Assessment Tools: Projects, Assignments, MCQ tests**

**Course Objectives:**

By the end of this course, students will:

1. Understand the **fundamental concepts, nature, objectives and scope** of management accounting as a tool for managerial decision-making.
2. Learn how to **analyze and interpret financial statements**.
3. Develop the ability to use **accounting ratios** for assessing liquidity, profitability, efficiency and solvency of a business.
4. Gain a working knowledge of the **Cash Flow Statement** and its importance in financial planning and control.
5. Understand the **concepts and applications of marginal costing** and how it supports decision-making related to pricing, cost control and profitability analysis.
6. Strengthen problem-solving skills through practical application of financial data in **planning, control and business decision-making**.

## Course Outcome

After successfully completing this course, students will be able to:

1. **Define and explain** the concepts and role of management accounting in modern business practices.
2. **Analyze financial statements** to derive meaningful conclusions for managerial use.
3. **Apply various ratios** to evaluate a firm's operational and financial performance.
4. **Prepare and interpret cash flow statements** as per IndAs-7 and use them in liquidity and fund management.
5. **Compute and apply marginal costing techniques** for decision-making on make or buy, product mix, break-even analysis, etc.
6. **Compare and contrast management accounting with financial and cost accounting**, understanding the scope and limitations of each.
7. **Evaluate financial information** and present reasoned conclusions and recommendations to management.
8. Develop the ability to **make informed managerial decisions** based on financial data, enhancing strategic and operational effectiveness.

## FBLD (Flip Blended Learning Design Template)

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- Online mode can be SWAYAM MOOC Course or any other suggested by the UGC or Gujarat University.

## Taxonomy

### MOOC Courses

On Accounting or any topics related to Management Accounting which is part of the above syllabus.

## References

- Khan, M. Y., & Jain, P. K. (2021). *Management accounting* (7th ed.). McGraw-Hill Education.
- Maheshwari, S. N., & Maheshwari, S. K. (2020). *Management accounting: Principles and practice* (19th ed.). Sultan Chand & Sons.
- Horngren, C. T., Sundem, G. L., Stratton, W. O., Burgstahler, D., & Schatzberg, J. (2017). *Introduction to management accounting* (16th ed.). Pearson Education.
- Tulsian, P. C. (2021). *Financial and management accounting* (2nd ed.). S. Chand Publishing.
- Drury, C. (2018). *Management and cost accounting* (10th ed.). Cengage Learning.
- Lal, J. (2019). *Accounting ratios and financial statement analysis* (2nd ed.). Himalaya Publishing House.
- Ghosh, T. P. (2020). *Fundamentals of management accounting*. Taxmann Publications.
- Bhattacharyya, A. K. (2021). *Essentials of financial accounting and management accounting*. PHI Learning Pvt. Ltd.
- Institute of Chartered Accountants of India. (2023). *Study material on management accounting*. ICAI.
- Pandey, I. M. (2020). *Financial management* (11th ed.). Vikas Publishing House.

**B. Com. (Hons.)**  
**Semester-5**  
**Auditing - 1**  
**Course Code: DSC-C-ACC- 353**  
**Credit Mark Distribution -04**

<b>Unit 1</b>	<b>Introduction to Auditing</b> <ol style="list-style-type: none"> <li>1. Definition, scope, objectives and importance of auditing</li> <li>2. Evolution and classification of auditing</li> <li>3. Types of Audits (Overview): <ol style="list-style-type: none"> <li>a. <b>Based on Function:</b> Statutory Audit, Internal Audit, Management Audit</li> <li>b. <b>Based on Time:</b> Interim Audit, Final Audit, Continuous Audit</li> <li>c. <b>Based on Approach:</b> Risk-based Audit, Transaction Audit, System Audit</li> <li>d. <b>Special Audits:</b> Forensic Audit, Environmental Audit, Social Audit, Tax Audit</li> </ol> </li> <li>4. Auditor v/s Accountant: Roles and responsibilities</li> <li>5. Ethical principles and independence of an auditor</li> </ol>	<b>25%</b>
<b>Unit 2</b>	<b>Audit Planning and Internal Control</b> <ol style="list-style-type: none"> <li>1. Audit planning: meaning, steps and significance</li> <li>2. Audit strategy and audit plan</li> <li>3. Understanding internal control and internal check</li> <li>4. Evaluation of internal control systems</li> <li>5. Audit risk and materiality</li> <li>6. Audit risk and Materiality in the Digital Era: A Brief Overview</li> </ol>	<b>25%</b>
<b>Unit 3</b>	<b>Vouching and Verification</b> <ol style="list-style-type: none"> <li>1. Vouching: meaning, objectives and importance</li> <li>2. Vouching of receipts and payments: cash book, purchase book, sales book, wages, etc.</li> <li>3. Verification: meaning, objectives and methods</li> <li>4. Verification and valuation of assets and liabilities</li> <li>5. Vouching and Verification under Digital Era</li> </ol>	<b>25%</b>
<b>Unit 4</b>	<b>Company Audit – Legal Framework</b> <ol style="list-style-type: none"> <li>1. Provisions under the Companies Act, 2013</li> <li>2. Appointment, reappointment, removal and remuneration of auditors</li> <li>3. Rights, duties, and liabilities of auditors</li> <li>4. Auditor’s Report: contents, types of audit opinions</li> <li>5. CARO (Companies Auditor’s Report Order) – key clauses</li> <li>6. Company Audit - Practical Examples and Case Studies</li> <li>7. Emerging era of Company Audit</li> </ol>	<b>25%</b>

**Pre-requisite** – Student should have primary understanding of the Financial Accounting.

**Co-requisite-** Student should take up theoretical and practical aspects of Financial Accounting & Corporate Accounting and be competent to understand the practical implications thereof.

**Mode of Evaluation:** Evaluation will be divided in two parts.

**External:** Semester End Examination will be conducted by the Gujarat University of 50 Marks.

**Internal:** Internal Evaluation will be decided by the College/Institutes/University Department as per the instruction given by the University from time to time.

**Assessment Tools:** Projects, Assignments, MCQ tests

### **Course Objectives:**

By the end of this course, students will:

1. Understand the **fundamental concepts, scope, objectives and importance** of auditing in business.
2. Explore the **evolution, classification and different types of audits** relevant in modern business environments.
3. Develop skills in **audit planning, internal control evaluation** and understanding audit risks and materiality.
4. Gain practical knowledge of **vouching and verification procedures** for various business transactions and financial elements.
5. Acquire a clear understanding of the **legal framework of company audits** especially under the Companies Act, 2013.
6. Comprehend the **roles, responsibilities and ethical standards** expected of auditors, including independence and accountability.
7. Understand the impact of the **digital era** on auditing practices and technological advancements in vouching, verification, and risk assessment.

### **Course Outcome**

After completing this course, students will be able to:

1. **Define and explain** the concepts, scope and objectives of auditing and differentiate between types of audits.
2. **Classify and describe** various audits (statutory, internal, forensic, etc.) and identify their specific uses and applications.
3. **Design a basic audit plan and strategy** and **evaluate internal control systems** in business organizations.

4. **Assess audit risks and materiality** including emerging challenges in the digital environment.
5. **Perform vouching and verification** of key business transactions and financial statements using appropriate methods.
6. **Interpret and apply provisions** of the Companies Act, 2013 related to auditors and their responsibilities.
7. **Draft and evaluate audit reports** with appropriate opinions and understand key clauses of CARO.
8. **Demonstrate ethical behavior**, objectivity and professional skepticism essential to auditing practices.
9. **Apply concepts through case studies** and real-life company audit examples, especially in the context of the evolving audit landscape.

### **FBLD (Flip Blended Learning Design Template)**

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### **Taxonomy**

### **MOOC Courses**

On Auditing or any topics related to Auditing & Assurance which is part of the above syllabus.

### **References**

- Arora, M. N. (2021). *A textbook of auditing*. Himalaya Publishing House.
- Tandon, B. N., Sudharsanam, S., & Sundharabahu, S. (2018). *A handbook of practical auditing*. S. Chand Publishing.
- Gupta, K., & Arora, N. (2022). *Fundamentals of auditing*. Tata McGraw-Hill Education.
- Institute of Chartered Accountants of India. (2023). *Auditing and assurance standards*. ICAI.
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- Companies Act, 2013. Ministry of Corporate Affairs, Government of India. Retrieved from <https://www.mca.gov.in>
- Institute of Chartered Accountants of India. (2023). *CARO 2020 – Clause-wise analysis*. ICAI.
- Ghosh, T. P. (2023). *Auditing: Principles and techniques*. PHI Learning Pvt. Ltd.
- Sawyer, L. B., Dittenhofer, M. A., & Scheiner, J. H. (2016). *Sawyer's internal auditing: The practice of modern internal auditing* (6th ed.). Institute of Internal Auditors.