

# LEVEL 4 DIPLOMA IN **ACCOUNTING AND BUSINESS**



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## **PROGRAMME LEARNING OUTCOMES:**

- I. Demonstrate a comprehensive understanding of management principles and practices, including planning, organizing, leading, and controlling.
- II. Utilize various management accounting techniques to analyze financial data, budget effectively, and make informed business decisions.
- III. Acquire a thorough understanding of financial accounting principles, including the preparation and interpretation of financial statements.
- IV. Apply mathematical accounting methods to solve complex financial problems and optimize financial performance.
- V. Cultivate practical skills in business accounting, including bookkeeping, financial analysis, and tax compliance.
- VI. Integrate accounting principles and practices with business management strategies to support organizational success.
- VII. Strengthen the ability to make sound financial decisions based on accurate accounting information and economic analysis.
- VIII. Apply accounting knowledge and skills to real-world business scenarios, enabling effective problem-solving and decision-making.
- IX. Apply ethical considerations and professional standards in financial and managerial accounting practices.

PROGRAMME GUIDELINES	
PROGRAMME TITLE	Level 4 Diploma in Accounting and Business
QUALIFICATION CODE	201/1323/6
LEVEL	4
TOTAL CREDITS	120 Credits
TOTAL LEARNING HOURS	1200 Hours
GUIDED LEARNING HOURS	360 Hours

Total Learning Hour - 1200 Hours

Guided Learning Hour – 360 Hours

1 Credit = 10 hours of effort (10 hours of learning time which includes everything a learner has to do to achieve the outcomes in a qualification including the teaching learning process, assessment procedures and practical's).

## LIST OF UNITS

S. No.	Unit Code	Unit Title	Unit Specification	GLH	TLH
1	A/213/5007	Introduction to Financial Management	Essential Unit	60	200
2	A/213/5008	Management Accounting	Essential Unit	60	200
3	A/213/5009	Financial Accounting	Essential Unit	60	200
4	A/213/5010	Mathematical Accounting Methods	Essential Unit	60	200
5	A/213/5011	Business Accounting	Essential Unit	60	200
6	A/213/5012	Economics for Business	Essential Unit	60	200
7	A/214/5007	Management of People in an Organisation	Essential Unit	60	200
8	A/214/5008	Ethics and Commercial Accountability in Business	Essential Unit	60	200
9	A/214/5009	Financial Management	Essential Unit	60	200
10	A/214/5010	Financial Planning and Control	Essential Unit	60	200
11	A/214/5011	Financial Reporting	Essential Unit	60	200
12	A/214/5012	Canons and Practices of Taxation	Essential Unit	60	200
<b>TOTAL</b>				<b>720 Hours</b>	<b>2400 Hours</b>

P1.3	Critically evaluate the effectiveness and limitations of different management accounting techniques in supporting strategic decision-making and improving organizational outcomes.
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 2	
P2.1	Explain the key components and metrics used to evaluate financial performance.
P2.2	Describe the process of analyzing financial statements and performance indicators to assess the financial health and efficiency of an organization.
P2.3	Critically evaluate the financial performance of an organization, considering factors such as profitability, liquidity, solvency, and return on investment.
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 3	
P3.1	Critically evaluate the effectiveness of different communication strategies in conveying financial information to stakeholders.
P3.2	Explain the importance of clear and concise communication in presenting financial data, reports, and analysis to diverse audiences.
P3.2	Describe the techniques and tools used to effectively communicate financial information, such as visual aids, presentations, and written reports.

#### Indicative Study Reference Text Books

- "Financial Communication: Communication Skills for Financial Managers" by Marc J. Epstein and Kirsten H. Feddersen.
- "Financial Statement Analysis: A Practitioner's Guide" by Martin S. Fridson and Fernando Alvarez.
- "Communicating Financial Information: A Comprehensive Guide" by Robert W. Harris.
- Please note that availability and editions may vary, so it's recommended to check for the latest editions and availability at bookstores or online platforms.

#### MAPPING

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
ULO1	M		M	M			M		
ULO2	M	M	M		M		M	M	M
ULO3		M		M	M	M			M

UNIT CODE	A/213/5007
UNIT TITLE	Introduction to Financial Management
CREDIT	20 Credits
GLH	60 Hours
SPECIFICATION	Essential Unit

#### UNIT DESCRIPTION

This unit will enable the students to gain a comprehensive understanding of the principles and theories of financial management. Apply management techniques to accounting practices, develop critical thinking and problem-solving abilities, enhance decision-making skills in accounting contexts, foster effective communication and teamwork, understand the role of management in achieving accounting goals, stay updated with emerging trends and technologies. Overall, this unit will equip students with the necessary knowledge, skills, and abilities to effectively manage financial functions within an organization.

#### UNIT LEARNING OUTCOMES

ULO1- Apply management principles to effectively manage financial functions.

ULO2- Make informed decisions based on financial information.

ULO3- Communicate financial information effectively and collaborate in cross-functional Teams.

## LEARNING OUTCOME DESCRIPTION

ULO1- Apply management principles to effectively manage financial functions.

- Students will be able to apply management principles, theories, and techniques to effectively manage financial functions within an organization.
- They will demonstrate an understanding of how management principles can be utilized to optimize financial reporting, budgeting, cost analysis, and internal controls in the context of accounting.

ULO2- Make informed decisions based on financial information.

- Students will develop the ability to analyze financial information, interpret data, and make informed decisions that align with organizational goals and financial objectives. They will demonstrate critical thinking and problem-solving skills in assessing financial situations, identifying risks, and developing strategies to achieve desired outcomes.

ULO3 - Communicate financial information effectively and collaborate in cross-functional Teams.

- Students will enhance their communication and teamwork skills specific to accounting management. They will be able to effectively communicate financial information to stakeholders, present financial data in a clear and concise manner, and collaborate with cross-functional teams to achieve accounting goals. They will demonstrate proficiency in oral and written communication related to financial reporting and analysis.

<b>ASSESSMENT CRITERIA</b>	
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 1</b>	
P1.1	Demonstrated understanding of management principles in the context of accounting.
P1.2	Application of management techniques to optimize financial functions.
P1.3	Evaluation of the effectiveness of management decisions in accounting.
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 2</b>	
P2.1	Analysis and interpretation of financial information
P2.2	Evaluation of financial risks and considerations
P2.3	Justification of decisions and alignment with organizational goals

**ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 3**

P3.1	Clear and concise communication of financial information
P3.2	Active participation and collaboration in cross-functional teams
P3.3	Adaptability and flexibility in communication styles

**Indicative Study Reference Text Books**

- "Principles of Management" by Harold Koontz and Heinz Weihrich.
- Brigham, Houston. Essentials of Financial Management, 10th Edition. Thomson Learning. 2004.

**MAPPING**

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
ULO1	M	M		M	M			M	M
ULO2	M		M		M	M	M	M	
ULO3	M	M	M	M		M			



UNIT CODE	A/213/5008
UNIT TITLE	Management Accounting
CREDIT	20 Credits
GLH	60 Hours
SPECIFICATION	Essential Unit

#### UNIT DESCRIPTION

This unit will enable the students to Understand the role of management accounting, apply management accounting techniques, evaluate and improve financial performance, understand ethical considerations in management accounting and this unit aims to equip students with a solid foundation in management accounting principles and techniques. It enables them to apply these skills to support decision-making, evaluate financial performance, and communicate financial information effectively. By the end of the unit, students will have the necessary knowledge and skills to contribute to the financial success and strategic decision-making of organizations.

#### UNIT LEARNING OUTCOMES

ULO1- Application of Management Accounting Techniques.

ULO2- Evaluation of Financial Performance

ULO3 - Communication of Financial Information

## LEARNING OUTCOME DESCRIPTION

### ULO1- Application of Management Accounting Techniques

- Student demonstrates the ability to apply management accounting techniques, such as cost analysis, budgeting, variance analysis, and performance measurement, to real-world scenarios.
- Student effectively utilizes relevant quantitative and qualitative data to support decision-making and provide insights into financial performance.
- Student demonstrates proficiency in using management accounting tools and software to analyze and interpret financial information accurately.

### ULO2- Evaluation of Financial Performance

- Student evaluates financial performance by analyzing financial statements, identifying key performance indicators, and assessing areas of improvement.
- Student demonstrates the ability to assess financial risks, evaluate profitability, liquidity, and solvency, and make informed recommendations for improving financial performance.
- Student shows an understanding of the interplay between management accounting measures and organizational performance, demonstrating critical thinking and analytical skills.

### ULO3 - Communication of Financial Information

- Student effectively communicates financial information to different stakeholders, utilizing appropriate formats, language, and visual aids.
- Student presents financial analysis, reports, and recommendations in a clear and concise manner, demonstrating an understanding of the audience's needs and knowledge levels.
- Student demonstrates proficiency in translating complex financial information into understandable terms for non-financial professionals, facilitating informed decision-making and collaboration.

ASSESSMENT CRITERIA	
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 1	
P1.1	Explain the utilization of management accounting techniques in financial analysis and decision-making.
P1.2	Describe the application of management accounting techniques in solving accounting problems and optimizing financial performance.

UNIT CODE	A/213/5009
UNIT TITLE	Financial Accounting
CREDIT	20 Credits
GLH	60 Hours
SPECIFICATION	Essential Unit

#### UNIT DESCRIPTION

This unit will enable the students to develop a strong foundation in financial accounting principles and practices. They will gain the knowledge and skills necessary to record, summarize, and report financial transactions accurately. Students will learn how to prepare financial statements, analyze financial data, and interpret the financial performance of an organization. Through practical exercises and case studies, they will understand the importance of financial accounting in providing relevant and reliable information for decision-making and financial reporting purposes. By the end of the unit, students will be equipped to apply financial accounting principles in real-world scenarios and contribute effectively to financial decision-making processes.

#### UNIT LEARNING OUTCOMES

ULO1- Understand the fundamentals of financial accounting.

ULO2- Prepare and analyze financial statements.

ULO3 - Apply financial accounting principles in practical scenarios

LEARNING OUTCOME DESCRIPTION

ULO1- Understand the fundamentals of financial accounting

- Students will develop a solid understanding of the fundamental principles and concepts of financial accounting.
- They will learn about the accounting equation, double-entry bookkeeping, and the process of recording financial transactions.
- Students will understand the importance of accurate financial record-keeping and the role of financial accounting in providing reliable information for decision-making.

ULO2- Prepare and analyze financial statements

- Students will gain the skills to prepare financial statements, including the income statement, balance sheet, and cash flow statement.
- They will learn how to analyze these statements to assess the financial performance, liquidity, and solvency of an organization.
- Students will understand the importance of financial statement analysis in evaluating an organization's financial health and making informed decisions.

ULO3 - Apply financial accounting principles in practical scenarios

- Students will be able to apply financial accounting principles and concepts in real-world scenarios.
- They will learn how to record transactions, adjust accounts, and prepare financial statements for different types of entities, such as sole proprietorships, partnerships, and corporations.
- Students will develop the skills to apply accounting standards and regulations in compliance with generally accepted accounting principles (GAAP) or International Financial Reporting Standards (IFRS).

ASSESSMENT CRITERIA	
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 1	
P1.1	Critically evaluate the key principles and concepts of financial accounting.
P1.2	Explain the accounting equation and the double-entry bookkeeping system.
P1.3	Describe the importance of accurate financial record-keeping and the role of financial accounting in providing reliable information for decision-making.
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 2	
P2.1	Explain the process of preparing financial statements, including the income statement, balance sheet, and cash flow statement.

P2.2	Evaluate the financial statements to assess the financial performance, liquidity, and solvency of an organization.
P2.3	Describe the importance of financial statement analysis in evaluating an organization's financial health and making informed decisions.
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 3</b>	
P3.1	Describe the application of financial accounting principles and concepts in real-world scenarios.
P3.2	Explain the process of recording transactions, adjusting accounts, and preparing financial statements for different types of entities.
P3.2	Evaluate the application of accounting standards and regulations in compliance with generally accepted accounting principles (GAAP) or International Financial Reporting Standards (IFRS).

### Indicative Study Reference Text Books

- "Financial Accounting: Tools for Business Decision Making" by Paul D. Kimmel, Jerry J. Weygandt, and Donald E. Kieso.
- "Financial Accounting: An Introduction to Concepts, Methods, and Uses" by Clyde P. Stickney, Roman L. Weil, and Katherine Schipper.
- "Financial Accounting: Reporting, Analysis, and Decision Making" by Shirley Carlon, Rosina Mladenovic-McAlpine, Chrisann Palm, Lorena Mitrione, Ngaire Kirk, and Lily Wong.
- "Financial Accounting for Decision Makers" by Peter Atrill and Eddie McLaney.
- "Financial Accounting: A User Perspective" by Robert E. Hoskin, Maureen F. Carrig, and Deborah L. Bunker.
- Please note that availability and editions may vary, so it's recommended to check for the latest editions and availability at bookstores or online platforms.

### MAPPING

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
ULO1	M	M	M	M	M	M	M	M	
ULO2		M	M	M		M	M	M	M
ULO3		M			M	M		M	

UNIT CODE	A/213/5010
UNIT TITLE	Mathematical Accounting Methods
CREDIT	20 Credits
GLH	60 Hours
SPECIFICATION	Essential Unit

#### UNIT DESCRIPTION

This unit will enable the students to develop a strong understanding of mathematical accounting methods and their application in financial analysis and decision-making. Students will learn various mathematical concepts, techniques, and tools that are crucial in the field of accounting. They will gain proficiency in using mathematical models, statistical analysis, financial forecasting, and optimization techniques to solve accounting problems and make informed financial decisions. Through practical exercises and case studies, students will enhance their ability to analyze financial data, interpret mathematical models, and apply mathematical accounting methods in real-world scenarios. By the end of the unit, students will have the necessary skills to utilize mathematical techniques effectively to support financial management and decision-making processes within organizations.

#### UNIT LEARNING OUTCOMES

ULO1- Apply mathematical techniques in financial analysis.

ULO2- Utilize mathematical models for financial forecasting.

ULO3 - Optimize financial decision-making using mathematical optimization techniques:

**LEARNING OUTCOME DESCRIPTION**

ULO1- Apply mathematical techniques in financial analysis

- Students will develop the ability to apply mathematical techniques, such as statistical analysis and financial modeling, to analyze financial data and assess the financial performance of an organization.
- They will learn how to use mathematical tools and formulas to calculate financial ratios, perform trend analysis, and interpret financial indicators.
- Students will gain the skills to evaluate the financial health of an organization and make informed decisions based on mathematical analysis.

**ULO2- Utilize mathematical models for financial forecasting**

- Students will learn how to develop and utilize mathematical models for financial forecasting and projection.
- They will understand the principles of time series analysis and learn techniques for extrapolating financial data to predict future trends.
- Students will gain the ability to use mathematical models to forecast financial outcomes, estimate revenue and expenses, and support budgeting and planning processes.

**ULO3 - Analyze and interpret financial data using mathematical tools:**

- Students will learn how to use mathematical tools, such as spreadsheets and financial software, to analyze and interpret financial data effectively.
- They will develop skills in organizing and summarizing financial information, generating meaningful visual representations, and conducting sensitivity analysis.
- Students will be able to communicate financial insights derived from mathematical analysis to stakeholders and contribute to informed financial decision-making processes.

ASSESSMENT CRITERIA	
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 1	
P1.1	Describe the different mathematical techniques used in financial analysis, such as statistical analysis, ratio analysis, and financial modeling.

P1.2	Explain how to apply mathematical techniques to analyze financial data, calculate financial ratios, and interpret financial performance indicators.
P1.3	Evaluate the effectiveness of mathematical techniques in providing insights for financial analysis, decision-making, and identifying trends or patterns in financial data.
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 2</b>	
P2.1	Describe different mathematical models used in financial forecasting, such as time series analysis, regression analysis, and exponential smoothing.
P2.2	Explain how to develop and utilize mathematical models for financial forecasting, including the steps involved in data collection, model selection, and validation.
P2.3	Evaluate the accuracy and reliability of financial forecasts generated using mathematical models, considering factors such as forecasting errors, model fit, and the relevance of the forecasted results to real-world scenarios.
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 3</b>	
P3.1	Explain the use of mathematical tools, such as spreadsheets, statistical software, and financial modeling software, in analyzing and interpreting financial data.
P3.2	Describe the process of organizing and summarizing financial information using mathematical tools, including data manipulation, calculation of financial ratios, and generation of visual representations.
	Evaluate the effectiveness of mathematical tools in analyzing financial data, including their ability to identify trends, patterns, and relationships, and their contribution to informed financial decision-making.

### Indicative Study Reference Text Books

- "Mathematical Accounting: Methods and Applications" by Richard C. Stapleton and Alan H. Schick:
- "Quantitative Methods for Financial Analysis" by John K. Harris and Robert L. Johnson:
- "Mathematical Finance and Accounting: Fundamentals and Applications" by Giovanna Maria Dossena and Mario Elia:
- "Mathematical Methods in Economics and Finance" by Martin Anthony and Norman Biggs:
- "Financial Mathematics: A Comprehensive Treatment" by Giuseppe Campolieti and Roman N. Makarov:



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## MAPPING

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ULO1			M	M	M	M	M	M	M
ULO2	M	M	M	M	M	M	M	M	M
ULO3	M	M	M	M	M	M		M	

<b>UNIT CODE</b>	A/213/5011
<b>UNIT TITLE</b>	Business Accounting
<b>CREDIT</b>	20 Credits
<b>GLH</b>	60 Hours
<b>SPECIFICATION</b>	Essential Unit

## UNIT DESCRIPTION

This unit will enable the students to provides learners with a comprehensive understanding of financial accounting principles and practices. It equips them with the necessary skills to prepare and analyze financial statements, interpret financial data, and communicate financial information effectively. The unit covers a range of topics including accounting concepts, standards, and regulations, as well as the preparation and presentation of financial statements in compliance with relevant frameworks.

## UNIT LEARNING OUTCOMES

ULO1- Understand and apply financial accounting concepts and principles:

ULO2- Prepare and interpret financial statements:

ULO3- Comply with accounting standards and regulations:

### LEARNING OUTCOME DESCRIPTION

ULO1- Understand and apply financial accounting concepts and principles:

- Learners will develop a solid foundation in financial accounting concepts, including the accrual basis of accounting, matching principle, and revenue recognition. They will be able to apply these principles to record and classify financial transactions accurately.

ULO2:- Prepare and interpret financial statements:

- Learners will gain practical skills in preparing financial statements, including the income statement, balance sheet, and cash flow statement. They will understand the purpose of each statement and be able to interpret financial data to assess an organization's financial performance and position.

ULO3 - Comply with accounting standards and regulations:

- Learners will become familiar with relevant accounting standards and regulations, such as the International Financial Reporting Standards (IFRS) and Generally Accepted Accounting Principles (GAAP). They will learn how to apply these frameworks to ensure compliance and prepare financial statements that meet legal and regulatory requirements.

<b>ASSESSMENT CRITERIA</b>	
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 1</b>	
P1.1	Apply accounting concepts and principles to real-world scenarios.
P1.2	Explain the significance and application of key accounting concepts and principles.
P1.3	Analyze financial statements and transactions using accounting concepts and principles.
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 2</b>	
P2.1	Analyze financial statements to assess the financial performance and position of an organization.
P2.2	Explain the components and purpose of different financial statements.
P2.3	Describe the key elements and presentation requirements of financial statements.
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 3</b>	
P3.1	Analyze accounting practices to ensure compliance with relevant accounting standards and regulations.
P3.2	Explain the implications and requirements of accounting standards and regulations in financial reporting.

P3.3	Describe the key elements and principles of accounting standards and regulations applicable to financial reporting.
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**Indicative Study Reference Text Books**

- "Management Accounting: Principles and Practice" by Dr. Ravi M. Kishore.
- "Cost Accounting" by Dr. S.P. Jain and K.L. Narang.
- "Principles and Practice of Auditing" by Dr. Ravinder Kumar and Virender Sharma.
- For the United Kingdom:
- "Financial Accounting and Reporting" by Barry Elliott and Jamie Elliott.
- "Management Accounting: Information for Decision-Making and Strategy Execution" by Anthony A. Atkinson, Robert S. Kaplan, Ella Mae Matsumura, and S. Mark Young.

**MAPPING**

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
ULO1	M	M	M	M	M				
ULO2		M	M	M		M	M	M	M
ULO3	M	M	M		M	M	M		

UNIT CODE	A/213/5012
UNIT TITLE	Economics for Business
CREDIT	20 Credits
GLH	60 Hours
SPECIFICATION	Essential Unit

### UNIT DESCRIPTION

This unit will enable the students to develop a solid understanding of the fundamental principles of economics and how they apply to business operations. Through a comprehensive exploration of economic concepts, theories, and real-world examples, students will gain the necessary knowledge and skills to analyze and interpret economic factors that influence business decision-making, market dynamics, and the overall business environment. By the end of this unit, students will be equipped with the tools to critically assess economic situations, make informed business decisions, and adapt strategies in response to changing economic conditions.

### UNIT LEARNING OUTCOMES

ULO1- Analyze the fundamental economic principles and concepts:

ULO2- Analyze market structures and competitive dynamics:

ULO3 - Evaluate macroeconomic factors and their impact on business:

## LEARNING OUTCOME DESCRIPTION

ULO1- Understand key economic principles and concepts:

Upon completion of the unit, learners will demonstrate a solid understanding of key economic principles and concepts, such as supply and demand, elasticity, opportunity cost, market equilibrium, and economic indicators. They will be able to apply these principles to analyze business scenarios and make informed decisions.

**ULO2- Analyzemarket structures and competitive dynamics:**

- Learners will develop the skills to evaluate different market structures, including perfect competition, monopolistic competition, oligopoly, and monopoly. They will analyze the implications of market structures on pricing, competition, and market behavior. They will also understand how market forces shape business strategies and decision-making processes.

**ULO3 - Evaluate macroeconomic factors and their impact on business:**

- Learners will gain a comprehensive understanding of macroeconomic factors, including GDP, inflation, unemployment, interest rates, and exchange rates. They will be able to assess the impact of these factors on business operations, investment decisions, and strategic planning. Learners will develop the ability to anticipate and respond to macroeconomic changes and make informed business decisions in dynamic economic environments.

ASSESSMENT CRITERIA	
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 1	
P1.1	Evaluate the application and impact of economic principles and concepts on real-world scenarios.
P1.2	Analyze economic data and information to draw meaningful conclusions and insights related to economic principles and concepts.
P1.3	Describe the key economic principles and concepts accurately and comprehensively, demonstrating a deep understanding of their significance and implications.
ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 2	
P2.1	Evaluate the impact of different market structures on business competition and market outcomes.
P2.2	Describe the characteristics and features of various market structures, such as perfect competition, monopolistic competition, oligopoly, and monopoly.

P2.3	Analyze the behavior of firms operating in different market structures and assess their strategic decision-making processes and competitive dynamics.
<b>ASSIGNMENT CRITERIA FOR LEARNING OUTCOME - 3</b>	
P3.1	Evaluate the impact of macroeconomic factors, such as GDP, inflation, unemployment, interest rates, and exchange rates, on business operations and decision-making.
P3.2	Describe the key macroeconomic factors and their definitions, providing accurate and comprehensive descriptions of their meanings and implications for businesses.
P3.3	Analyze the relationships and interactions between macroeconomic factors and assess their effects on various aspects of business, including investment decisions, pricing strategies, and overall economic stability

### Indicative Study Reference Text Books

1. "Indian Economy" by Ramesh Singh
2. "Managerial Economics" by D.N. Dwivedi
3. "Economics for Business" by John Sloman and Kevin Hinde
4. "Macroeconomics" by Mankiw, N. Gregory and Raghbendra Jha
5. "Microeconomics: Theory and Applications" by Pindyck, Robert and Rubinfeld, Daniel and Mehta, Prem.

### MAPPING

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
ULO1	M		M	M		M	M	M	M
ULO2	M	M	M	M	M	M	M	M	M
ULO3	M		M			M		M	

## ASSESSMENT METHODS AND TECHNIQUES FOR LEVEL-4 DIPLOMA IN ACCOUNTING AND BUSINESS

Assessment technique	Type of Assessment	Description	Formative or Summative
Case studies	Oral/ Problem based/ Practical	Students are required to work through a case study to identify the problem(s) and to offer potential solutions; useful for assessing students' understanding and for encouraging students to see links between theory and practice. Case studies could be provided in advance of a time-constrained assessment.	Formative
Concept maps	Written/ Oral	Students map out their understanding of a particular concept. This is a useful (and potentially quick) exercise to provide feedback to staff on students' understanding.	Formative
'Doing it' exam	Written	An exam which requires students to do something, like read an article, analyze and interpret data etc.	Formative / Summative
Field report	Written/ Oral	Students are required to produce a written/ oral report relating to a field/ site visit.	Formative
Laboratory books / Reports	Practical/ Written	Students are required to write a report for all (or a designated sample) of practical's in a single lab book. A sample of lab books will be collected each week to mark any reports of labs done in previous weeks; this encourages students to keep their lab books up to date. Each student should be sampled the same number of times throughout the module with a designated number contributing to the assessment mark.	Summative
Multiple choice questions (MCQs)	Written	Can be useful for diagnostic, formative assessment, in addition to summative assessment. Well-designed questions can	Formative / Summative

		assess more than factual recall of information, but do take time to design.	
Online discussion boards	Written	Students are assessed on the basis of their contributions to an online discussion for example, with their peers; this could be hosted on a virtual learning environment (VLE).	Formative
Open book exams	Written	Students have the opportunity to use any or specified resources to help them answer set questions under time constraints. This method removes the over-reliance on memory and recall and models the way that professionals manage information.	Summative
Oral presentations	Oral / Written	Students are asked to give an oral presentation on a particular topic for a specified length of time and could also be asked to prepare associated handout(s). Can usefully be combined with self- and peer-assessment.	Summative
Problem sheets	Written	Students complete problem sheets, e.g. on a weekly basis. This can be a useful way of providing students with regular formative feedback on their work and/or involving elements of self- and peer assessment.	Formative
Research projects / Group projects	Written/ Practical/ Oral/ Performance/ Problem based/ Work placement	Potential for sampling wide range of practical, analytical and interpretative skills. Can assess wide application of knowledge, understanding and skills.	Formative / Summative
Short answer questions	Written	Useful to assess a wide range of knowledge/skills across a module.	Summative
Simulations	Practical/ Written/ Oral/ Problem-based	Text or virtual computer-based simulations are provided for students, who are then required to answer questions, resolve problems, perform tasks and take actions etc. according to changing circumstances within the simulation. Useful for assessing a wide range of skills, knowledge and competencies.	Formative
Viva voce	Oral	Often used for assessing 'borderline' degree classifications but also useful to explore students' understanding of a wide range of topics. Depending on class size however, they can be time consuming for staff.	Summative