



UNIVERSITY  
of  
TECHNOLOGY,  
MAURITIUS

**School of Business Management and Finance**

**BSc (Hons) Accounting with Finance**

**PROGRAMME DOCUMENT**

VERSION 3.0

*CODE*

October 2014

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**University of Technology, Mauritius**

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### A. Programme Information

The demand for qualified accounting and finance professionals continues to grow internationally. This programme offers you a route into the financial professions, as well as fostering skills that are vital to a range of careers in business. Students are exposed to explore core elements of accounting and finance in detail, through modules on financial accounting, management accounting, auditing, taxation, corporate finance and financial risk. Our programme also delves into various aspects of business operations, from the challenges of managing people, processes, and customers to the way organisations operate within a global political, legal and social environment.

### B. Programme Aims

Finance and accounting skills are highly-valued in the modern business environment, making specialising in these areas an excellent strategic career decision. This degree course, therefore, provides you with a solid foundation of financial and management capabilities before progressing to specialisation modules that will equip you with the more advanced skills needed in your career or further studies.

### C. Programme Objectives

The specialised degree course begins by providing you with a sound grasp of the basics of financial management before progressing to your specialisation modules.

In the second and third years you will focus on furthering your knowledge of financial management essentials while investigating the specialised areas of finance and accounting including audit and assurance and taxation.

## PART I - Regulations

### D. General Entry Requirements

As per UTM 'Admissions Regulations' and 'Admission to Programmes of Study at Degree Level'

### E. Programme Entry Requirements

#### Either

- (i) Cambridge School Certificate, including Mathematics
- (ii) Cambridge Higher School Certificate with at least 2 'A' level subject

#### OR

(iii) Cambridge School Certificate, with grade C in a minimum of **FOUR** subjects including Mathematics, and at least 3 years relevant work experience deemed relevant by the APL/APEL committee.

### F. Programme Mode and Duration

Full -Time: 3 Years

Part-Time: 4 Years

Each semester will be of 13 weeks with 15 sessions of 3 hours each

## G. Teaching and Learning Strategies

The programme will employ a wide variety of teaching methods, including lectures, individual or group projects, presentations, workshops, case studies, field visits, work placement and talks by guest speakers. Self-learning will be the key feature of the programme, enabling students to explore, investigate and research into the various topics, interact with practitioners, and work in teams on projects.

## H. Student Support and Guidance

In addition to face-to-face lectures, group tutorials or individual tutorials are arranged for students.

## I. Attendance Requirements

As per UTM's Regulations and Policy.

## J. Credit System

Modules carry 4 credits as per the programme structure.

Modules with 4 credits must **compulsorily** involve submission of at least 2 assignments + Class test.

### Exit Points:

Minimum credits required for the award of a :

- Certificate 33
- Diploma 36
- Degree 106

## K. Student Progress and Assessment

For the award of the Degree a minimum of 103 credit must be earned out of a total 105 credit.

All modules will carry 100 marks and will be assessed as follows (unless otherwise specified):

Written examinations up to 3-hours' duration and continuous assessment carrying up to 30% of total marks.

Continuous assessment can be based on seminars, practical labs and/or assignments or class tests.

### Grading

Undergraduate / Postgraduate		
<i>Overall Marks</i>	<i>Grade</i>	<i>Remarks</i>
$70 \leq X < 100$	A	Excellent
$60 \leq X < 70$	B	Very Good
$50 \leq X < 60$	C	Good
$40 \leq X < 50$	D	Satisfactory
$X < 40$	F	Referred

## L. Evaluation of Performance

The percentage mark at Level 1 contributes a 20% weighting towards the degree classification.

The percentage mark at Level 2 contributes a 30% weighting towards the degree classification.

The percentage mark at Level 3 contributes a 50% weighting towards the degree classification.

## M. Award Classification

$y \geq 70$	1st Class Honours
$60 \leq y < 70$	2 <sup>nd</sup> Class 1st Division Honours
$50 \leq y < 60$	2 <sup>nd</sup> Class 2 <sup>nd</sup> Division Honours
$45 \leq y < 50$	3rd Class Honour
$40 \leq y < 45$	Pass Degree
$y < 40$	No Award

## N. Programme Organisation and Management<sup>1</sup>

Programme Director and Coordinator: ...

Contact Details:

- Room:
- Telephone Number:
- Email:

## Part II - Programme Structure

### O. BSc (Hons) Accounting with Finance – Full time

#### YEAR 1

Semester 1				Semester 2			
Code	Module Name	Hrs/Wk	Credits	Code	Module Name	Hrs/Wk	Credits
		L+T+DS				L+T+DS	
ACCF 1125	Principles of Accounting I	2+1+1	4	ACCF 1201	Principles of Finance	2+1+1	4
ECON 1101	Economics	2+1+1	4	ACCF 1126	Principles of Accounting II	2+1+1	4
ACCF 1105	Auditing Practice and Performance Review	2+1+1	4	ACCF 1103	Costing Techniques	2+1+1	4
QUAN 1102	Statistics	2+1+1	4	ACCF 1202	Quantitative Techniques	2+1+1	4
CLEn 1000	Community Learning and Engagement (CLEn)						1

#### YEAR 2

Semester 1				Semester 2			
Code	Module Name	Hrs/Wk	Credits	Code	Module Name	Hrs/Wk	Credits
		L+T+DS				L+T+DS	
ACCF 2118	Management Accounting for Decision Making	2+1+1	4		Workplacement		10
MGMT 2117	Organisation and People Management	2+1+1	4				
ACCF 2310 (A)	International Financial Management	2+1+1	4	ACCF 2113	Advanced Auditing	2+1+1	4
ACCF 2124	Financial Reporting	2+1+1	4	ACCF 3114	Advanced Financial Reporting	2+1+1	4
ESDV 2000	Employability Skills Development (ESD)		2				

**YEAR 3**

<b>Semester 1</b>				<b>Semester 2</b>				
<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>	<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>	
		L+T+DS				L+T+DS		
ACCF 3115	Business Taxation	3+1	4	ACCF 3302	Strategic Business Planning and Management	3+1	4	
ACCF 2316	Global Business Administration	3+1	4	ACCF 3217	Investment Analysis and Management	3+1	4	
MMIS 3210	Accounting Information Systems	3+1	4	ECON 3601	International Business Environment	3+1	4	
QUAN 3411 (A)	Research Methods for Finance	3+1	4					
DISS 3000	<b>DISSERTATION</b>							9

**O. BSc (Hons) Accounting with Finance – Part time**

**YEAR 1**

<b>Semester 1</b>				<b>Semester 2</b>			
<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>	<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>
		L+T+DS				L+T+DS	
ACCF 1125	Principles of Accounting I	2+1+1	4	ACCF 1105	Auditing Practice and Performance Review	2+1+1	4
ECON 1101	Economics	2+1+1	4	ACCF 1201	Principles of Finance	2+1+1	4
QUAN 1102	Statistics	2+1+1	4	ACCF 1126	Principles of Accounting II	2+1+1	4
CLEN 1000	Community Learning and Engagement (CLen)						1

**YEAR 2**

<b>Semester 1</b>				<b>Semester 2</b>			
<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>	<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>
		L+T+DS				L+T+DS	
ACCF 1103	Costing Techniques	2+1+1	4	ACCF 2118	Management Accounting for Decision Making	2+1+1	4
ACCF 1202	Quantitative Techniques	2+1+1	4	MGMT 2117	Organisation and People Management	2+1+1	4
ACCF 2310 (A)	International Financial Management	2+1+1	4	ACCF 2124	Financial Reporting	2+1+1	4
				ESDV 2000	Employability Skills Development (ESD)		2

**YEAR 3**

<b>Semester 1</b>				<b>Semester 2</b>			
<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>	<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>
		L+T+DS				L+T+DS	
ACCF 2113	Advanced Auditing	2+1+1	4	ACCF 2316	Global Business Administration	3+1	4
ACCF 3114	Advanced Financial Reporting	2+1+1	4	QUAN 3411 (A)	Research Methods for Finance	3+1	4
ACCF 3115	Business Taxation	3+1	4		Portfolio		

**YEAR 4**

<b>Semester 1</b>				<b>Semester 2</b>			
<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>	<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk</b>	<b>Credits</b>
		L+T+DS				L+T+DS	
ACCF 3302	Strategic Business Planning and Management	3+1	4	ACCF 3217	Investment Analysis and Management	3+1	4
MMIS 3210	Accounting Information Systems	3+1	4	ECON 3601	International Business Environment	3+1	4
DISS 3000	Dissertation						9



## **Q. MODULE OUTLINE**

### **ECON 1101: ECONOMICS**

Microeconomics: consumer choice theory, theory of cost and supply, price mechanism, government intervention and the price system, market structure, competition policy. Macroeconomics: national income and economic growth, inflation and unemployment, monetary policy, fiscal policy, international trade. Seminar presentation on contemporary Mauritius from a microeconomic of macroeconomic perspective.

### **ACCF 1125: PRINCIPLES OF ACCOUNTING I**

The financial accounting system, the need for accounting, users of accounts, the recording process, accounting equation and double entry system. Journal entries and correction of errors, trial balance and final accounts of sole traders. Bank reconciliation statements and control accounts. The conceptual framework for accounting, revenue recognition (IAS 18). Accounting for non-current assets, liabilities and provisions. Disposals and revaluations of assets.

### **ACCF 1105: AUDITING PRACTICE AND PERFORMANCE REVIEW**

Nature, purpose and scope of auditing; Regulatory audit framework; professional & ethical behavior; Audit Planning & Documentation Assessment of audit risks; Financial statement assertions and Audit evidence; audit procedures; Internal control Systems: use & evaluation; Internal audit; Audit reports; Performance review in Public Sector.

### **QUAN 1102: STATISTICS**

Descriptive Statistics; Probability Concepts; Random Variables; Probability Distributions: Binomial, Poisson and Normal; Estimation with Confidence Intervals; Hypothesis Testing; Chi-Square Tests; Analysis of Variance; Simple Regression and Correlation Analysis; Time Series Analysis.

### **ACCF 1201: PRINCIPLES OF FINANCE**

Present Value Calculation, Time Value of Money, Annuities; IRR, Source of Finance: Short and Long term financing. Valuation of bonds and other securities, Definition of Financial risk, Risk and Return Analysis, Diversification Principles, Capital Asset Pricing Model, Stock Market, Forms of market efficiency

### **ACCF 1126: PRINCIPLES OF ACCOUNTING II**

Accounting for partnerships, changes in partnership. Stock valuations: FIFO, LIFO and AVCO. Accounting for nonprofit organisations and Incomplete records. Limited companies, published accounts and IAS 1. Understanding Annual Report; Cash flow statements (IAS 7). Provisions, Contingent assets and Contingent liabilities – IAS 37 Accounting ratios and interpretation of financial statements. Introduction to group accounts. Legal provisions governing the preparation of financial statements.

### **ACCF 1103: COSTING TECHNIQUES**

Role of Cost Accounting and its Link to Financial Accounting, Costing Concepts: Costs Classification and Behaviour, Accounting for Overheads, Introduction to Activity Based Costing, Costing Methods and Principles, Contract Costing, Relevant Costing and Contribution Analysis, Budgeting, Standard Costing Variance Analysis.

### **ACCF 1202: QUANTITATIVE TECHNIQUES**

Elementary concepts in Mathematics; Fundamentals of Decision Theory and Decision Tree; Linear Programming Models: Graphical and Simplex Methods; Transportation and Assignment Models; Network Analysis; Queuing Theory; Markov Processes; Mathematics of Finance; Simulation Modelling

### **ACCF 2118: MANAGEMENT ACCOUNTING FOR DECISION MAKING**

Role of Accounting information in decision making process; Cost Allocation and Routine decision making using Cost Volume Profit analysis; multi-product situations and margin of safety; Budgeting and Budgetary Control; Standard Costing and Variance analysis; Relevant Cost analysis: Relevant and Irrelevant Costs. Marginal Costing in the management decision process; Limiting Factors and the application of linear programming; External pricing strategies and decisions: cost-based, market-based, special orders. Qualitative factors in decision making. Uncertainty and decision making Cost Management: Life Cycle Costing; Target Costing; Kaizen Costing; Activity Based Management; Cost Management and the Value Chain; Benchmarking

### **MGMT 2117: ORGANISATION AND PEOPLE MANAGEMENT**

Scope of and approaches to the management of people, recruiting , selecting, rewarding & maintaining staff (motivation, training), performance management, teams, people behaviour in organisations: personality, conflicts, group dynamics, managing diversity.

### **ACCF 2310 (A): INTERNATIONAL FINANCIAL MANAGEMENT**

The Tasks of the International Financial Manager--What Are the Global Financial Markets?-- The FOREX market, Determination of Exchange Rates; Foreign exchange activities; Speculation, Arbitrage and Hedging, Foreign Exchange and Eurocurrency--Dealing and Quotations--The Mechanics of the Eurodollar Market-- Speculation, Arbitrage and Hedging; the different of financial risk. FOREX Risk; Internal and External Risk Management Techniques; --Competing Eurocurrency Markets: Interest-Rate Arbitrage and Currency Expectations--Forward-Exchange Rates, Relative Interest Rates, and Exchange-Rate Expectations- swap deals and Rational for swaps

### **ACCF 2124: FINANCIAL REPORTING**

Introduction to financial reporting, the regulatory framework, the IASB conceptual framework and Presentation of financial statements. Financial reporting in practice: PPE (IAS16), Intangible assets (IAS 38), Impairment of assets (IAS 36), financial instruments and Cash flow statements (IAS 7). Inventories and Construction Contracts (IAS 11); Rationale for Group Financial Statements; Fair Values and Goodwill; Accounting for Subsidiary Undertakings, Associates and Joint Ventures; Consolidated Cash Flow Statement; Analysis of financial statements- ratios analysis, earnings per share and segmented analysis.

### **ACCF 2113: ADVANCED AUDITING**

Introduction to financial statement auditing, Ethics for professional accountants, Client acceptance, Risk Assessment & Materiality, Audit Evidence, Audit planning & types of audit tests, Internal control in a financial statement audit, Audit sampling, Application of risk based auditing to business processes, Overview of a group audit, Completing the audit, Audit reports, Quality control, An overview of forensic audit, Environmental & Social audit, An introduction to IT/IS audit

### **ACCF 3114: ADVANCED FINANCIAL REPORTING**

Financial Reporting:

Conceptual Framework of Financial Reporting; Definition of Revenue; Earnings Management; Financial Statement Analysis and Corporate Failure Prediction. Reporting the Substance of Transactions; Related Party Disclosures; Accounting for Intangible Assets; Accounting for Financial Instruments and Hedges; Corporate Governance; Current Financial Reporting Issues. Reporting requirements of SMEs: Outline the principal considerations in developing asset of accounting standards for SMEs. Financial reporting in specialised, not-for-profit and public sector entities The professional and ethical duty of an accountant: Ethical requirements of corporate reporting and the consequences of unethical behavior. Social responsibility: increased demand in transparency in corporate reports & the emergence of non-financial reporting standards.

Contemporary issues in accounting: Environmental and Social Reporting ; Impact of environmental, social, and ethical factors in the development of accounting; Human Resource accounting. Current reporting requirement in this area.

### **ACCF 3115: BUSINESS TAXATION**

Principles and Applications of Taxation; Powers of Commissioners; Domicile and Residence; Taxation of individuals from various sources; Partnership; Capital Allowances; Companies; Value-added tax; Anti-avoidance provisions;

International Aspects of Tax; Residence and its implications; Tax treaty system; Double Taxation relief; Assessment of Companies trading internationally, Comparative taxation system; Direct expenditure and tax expenditure; Personal financial planning. The Mauritian Tax System, Powers of the Director General, Residence for individual and companies, Tax evasion and avoidance, Taxation for employment and self-employed, Annual Allowances, Value Added Tax, International Aspects of Tax; Double Taxation Agreement, The OECD Model and Tax planning

### **ACCF 2316: GLOBAL BUSINESS ADMINISTRATION**

Characteristics of an offshore centre, Offshore financial services: international, personal and corporate clients, Company Administrative trusteeship investment ,Offshore pensions and unit trust ,Trustee business; Offshore business and company management; Offshore investment management. Double Taxation agreement; Anti money laundering and procedures. Creation and Nature of Trusts; administration of trusts Appointment of Trustees; Charitable Trusts; Duties of Trustees; Powers of Investment and General Powers; Breach of Trust; Liabilities, Indemnities and Remuneration of Trustees; Rights and Liabilities of Beneficiaries; Maintenance, Advancement and Protective Trusts; Jurisdiction of Court to make Orders; Termination of Trusteeship. Taxation of Companies and Trusts. Double taxation avoidance treaties General anti avoidance rule. Foreign account tax compliance act

### **MMIS 3210: ACCOUNTING INFORMATION SYSTEMS**

Essentials of Information Systems (IS) for Organisations, Accounting IS (AIS) Implications on business operations, decision making, Organisation performance, Corporate Governance, Applied Database Management Systems, Components of AIS, Commercial Accounting Software Packages, Architecture of Accounting IS, Development, Outsourcing and implementation strategies for AIS, IT audit and forensic accounting, Legislative Aspects of AIS – Data Protection Act, Good practices for AIS – Software Piracy, access rights (segregation of duties) in AIS, Training Aspects for AIS, Integrated Information Systems - Applied Enterprise Resource Planning for Accounting, Case Studies

### **QUAN 3411 (A): RESEARCH METHODS IN FINANCE**

Research Ethics & Values; Research Problems; Components of a Research Proposal; Planning the Research Process, Quantative v/s Qualitative Research; Data Collection techniques; Hypothesis testing; Classical Linear Regression Model; Single Equation Regression Model-Estimation and Inference.

### **ACCF 3302: STRATEGIC BUSINESS PLANNING AND MANAGEMENT**

Objectives and Corporate Governance: Aims and Objectives of an Organisation and its Impact on Business Planning, Environmental Issues and their Impact on Corporate Governance; Strategy Formulation: Strategic Planning Process and its Link with Investment Decisions; Risk Analysis; Investment Decisions: Decision Making Techniques, Expansion Strategies, Corporate Reorganization; Treasury Management and Financial Forecasting; Global Economic Environment; Global Financial Management; Ethical Considerations.

### **ACCF 3217: INVESTMENT ANALYSIS AND MANAGEMENT**

An Overview of the investment environment; the Capital Market; the Growth of the capital market products and services in Mauritius, Present value and opportunity cost of capital in investment Decisions; Marginal; Project; Divisional and Floatation cost; Capital rationing, Portfolio Theory ; Risk aversion and utility, Markowitz Model, CAPM and APT, Valuation Models approaches and application; Asset based valuation; Discounted cash flow valuation, Dividend Discount Model, Portfolio Management ; An overview to Portfolio Management, Market efficiency, Security Analysis and evaluation of Investment Performance; Options in Portfolio Management, Fundamental Analysis, Financial Investment and security issues, Capital Budgeting Decisions; Sensitivity Analysis; Scenario analysis; Simulation Analysis

### **ECON 3601: INTERNATIONAL BUSINESS ENVIRONMENT**

Global business environment, the Global Manager, Globalisation, Culture in Business Politics and Law in Business, Economic systems and Development, International Trade and Finance, BusinessGovernment trade relations ,Foreign Direct Investment, Regional Economic Integration, Planning and organising international operations, Analysing international Opportunities, Hiring and Managing employees; international Staffing Policy

**DISS 3000 Dissertation**

- A 10,000-12,000 words dissertation will have to be submitted at the end of the semester.
- The work submitted should conform to the Undergraduate Dissertation Guidelines.

**PLMT 2001 WORK PLACEMENT**

Work placement is monitored by a placement unit and is detailed in the University Workplacement guidelines

**PORT 2003 PORTFOLIO**

Portfolio will apply for part time students in lieu of placement and is detailed in the Portfolio guidelines.

**CLEn 1000 COMMUNITY LEARNING & ENGAGEMENT (CLEn)**

Students should seek involvement with NGOs. Student participation involves for example , contribution in publication of reports, newsletters, active collaboration on an unexhaustive choice of community development or social enterprise projects. Successfully completed placements shall be testified by NGOs at which the engagement occur. Successful completion will lead to the award of one credit. More information available in the CLEn guidelines.

**ESDV 2000 EMPLOYABILITY SKILLS DEVELOPMENT (ESD)**

ESD aims at equipping undergraduate students with core employability and job readiness skills (including communication, simulated interviews, career choice, etc.), as well as imparting professional practice expectation and knowledge (including work environment, professionalism and ethics, job mobility locally and internationally, etc.) related to the programme of study. Successful completion will lead to the award of two credits. Detailed information is as per ESD guidelines.