



UNIVERSITY  
of  
TECHNOLOGY,  
MAURITIUS

**School of Business, Management and Finance**

**Master of Business Administration**  
(Project Management)

PROGRAMME DOCUMENT

VERSION 3.0

**CODE v3.0**

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**University of Technology, Mauritius**

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## **Master of Business Administration (Project Management)**

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### **A. PROGRAMME INFORMATION**

This part-time MBA programme prepares students for leading project teams, setting priorities, and assessing the costs, time needed, and resources required for the successful completion of a variety of corporate projects. Graduates with these skills will find themselves in high demand as quality assurance specialists and project managers. It is mainly designed to cater for the growing need of infrastructural development associated with the fast expanding economy. The Programme instills skills and knowledge required to be a successful Project Manager who must simultaneously manage four basic elements of a project: resources, time, money, and most importantly, scope. All these elements must be managed together if the project, and the project manager, is to be a success.

- Resources - People, equipment, material
- Time - Task durations, dependencies, critical path
- Money - Costs, contingencies, profit
- Scope - Project size, goals, requirements

The MBA in Project Management is designed to foster the strategies required to manage projects of various scopes and sizes. The programme is also meant to develop techniques and best practices on how to avoid project pitfalls while you put your newfound project management skills to work in real-world exercises. The MBA combines a blend of modules in fundamental management disciplines as well as in the specialised area of project management. The programme emphasises communication and interpersonal skills as well as the conceptual and technical skills critical to managerial careers and are intended primarily to meet the needs of people of the managerial community.

### **B. PROGRAMME AIMS**

The aim of the programme is to meet the specific requirements of managers/engineers and other cadres involved in the management of projects which requires specialized project management skills.

### **C. PROGRAMME OBJECTIVES**

The full time MBA programme aims and objectives are to provide:

- A systematic understanding of organisations, their management, and the changing external environment in which they operate;
- A theoretical and practical grounding in the key disciplines of modern business and their application to project management;
- And develop key cognitive, problem solving, qualitative, quantitative, computing, inter

personal, group working and research skills;

- A critical awareness, informed by the latest theory and practice, of project management, and the changing external environment in which they operate;
- A practical understanding of how established techniques of research and enquiry are used to enhance theory and practice in relation to the management of project and contracts;
- To develop critical thinking and communications skills, thereby allowing our graduates to conduct research independently and to be able to evaluate the work of others;
- Professional and personal growth of the student in a challenging and friendly atmosphere;
- The opportunity for course members to study a series of self-contained intensive modules and to learn through action taking and through teamwork;

## **PART I REGULATIONS**

### **D. GENERAL ENTRY REQUIREMENTS**

As per UTM'S Admission Regulations, and 'Admission to Programmes of Study at Masters Degree Level'.

### **E. PROGRAMME REQUIREMENTS**

Admission decisions will be made by the School of Business Management and Finance on a case to case basis.

Candidates must either be:

Graduates of a recognised university or other institutions of higher education with at least a lower second class honours degree or holders of an approved professional qualification deemed equivalent to an honours degree.

Or

A recognized Diploma in the relevant field with at least 5 years of work experience.

Or

An approved professional qualification recognized as being equivalent to an honours degree

Or

Other honours graduates or holders of an equivalent qualification may be admitted if they produce evidence which satisfies the School Board of their competence to pursue the programme;

**Or**

Other qualifications and/or experience which demonstrate that a candidate possesses appropriate knowledge and skills at a standard acceptable by the Academic Council.

### **Overseas Candidates**

Overseas candidates whose first language is not English and who do not hold a degree or equivalent professional qualification taught in English will be required to produce evidence of their competence in English.

### **F. PROGRAMME MODE DURATION**

Part Time: **2** years, comprising **4** Semesters (Minimum Duration 2 years; Maximum Duration 4 years from Registration)

### **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 and talks by guest speakers. Blended learning mode can also be used whereby some of the classes can be done by using online learning management systems like Zoom, Google meet and Classroom amongst others. Self-learning will be the key feature of the programme, enabling students to explore, investigate and research into various topics, interact with practitioners, and work in teams on projects. One module will carry 150 hours of learning comprising of 45 hours of delivery which could be any combination of face to face, blended, online, seminar, workshop, or joint session. The remaining 105 hours will cover self-learning, self-study, guest lecture, etc.

### **H. STUDENT SUPPORT AND GUIDANCE**

In addition to traditional lectures, group tutorials or individual tutorials may be arranged for students face-to-face or online.

### **I. ATTENDANCE REQUIREMENTS**

As per UTM's Regulations and Policy.

## **J. CREDITSYSTEM**

1 module = 6 credits as indicated in programme document (Each 6 Credit Module is taught over 15 weeks or equivalent block teaching)

Project / Dissertation = 18 credits

Post-Graduate Certificate: 30 credits

Post-Graduate Diploma (in area of registration): At least 60 credits

Master: 90 credits (inclusive of project/dissertation)

## **K. STUDENT PROGRESS AND ASSESSMENT**

- Written examination shall be of duration of 3 hours for modules except where the paper is assessed by 100% Coursework.
- All modules are normally assessed over 100 marks, except for project/dissertation which will carry 300 marks.
- The overall pass mark for a module shall be 40%.
- The modules assessed by exams will be assessed as follows (unless otherwise specified):
  - written examinations contributing to a minimum of 50% of the total marks;
  - continuous assessment carrying to a maximum of 50% of the total marks. Continuous assessment can be based on seminars and/or assignments, presentations, online time-based assessments or class tests; and
  - In case of exceptional circumstances exceptional modes of assessment will apply.

**Grading**

<b>Undergraduate / Postgraduate</b>		
<b>Overall Marks</b>	<b>Grade</b>	<b>Remarks</b>
$70 \leq X \leq 100$	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**

All modules carry equal weight, except for dissertation which counts for the equivalent of 3 modules at level M.

**Note: APPLIED PROJECT/DISSERTATION**

Candidates should compulsorily submit a business related project at the end of the final semester of the programme or a dissertation. The scope of the research will be assessed and approved through a project proposal that will be due after completion of Business Research Methods module. The project will mainly involve real business problem solving situation or will be on business administration themes as approved by the post graduate dissertation committee. The project should be around 10000-12000 words and will have to be defended in a viva-voce. The viva voce will carry 20% of overall marks. The objective of the Viva is to give students the opportunity to defend the dissertation and to give the supervisor and the second assessor an opportunity to ensure that the work has been done by the student.

**M. AWARD CLASSIFICATION**

<b>Overall weighted mark <math>y</math> (%)</b>	<b>Classification</b>
$y \geq 70$	MBA with Distinction
$60 \leq y < 70$	MBA with Merit
$40 \leq y < 60$	MBA
$y < 40$	No Award

## **N. PROGRAMME ORGANISATION AND MANAGEMENT**

Programme Director and Coordinator: Dr H.Chittoo/ Dr Needesh Ramphul

Contact Details: School of Business, Management and Finance

- Room:
- Telephone Number: 207-5250
- Email: [hchittoo@umail.utm.ac.mu](mailto:hchittoo@umail.utm.ac.mu)
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## Part II – PROGRAMME STRUCTURE AND PLAN

### Master of Business Administration (Project Management)

#### O. PROGRAMME STRUCTURE

Semester 1			
Code	Modules	Hrs/Wk	Credits
ECON5101	Economics for Managers	3	6
ACCF5101	Financial & Managerial Accounting	3	6
MGMT5214	Operations Research	3	6
PRSC5308	Strategic Procurement and supply chain Management	3	6

#### Specialisation Modules:

Semester 2			
Code	Modules	Hrs/Wk	Credits
HRMT5207	Organisation Behaviour & Human Resources Management	3	6
MKTG5120	Marketing Management	3	6
LLAW5303	Law & Ethics in Engineering	3	6
MGMT5216	Engineering Risk Management	3	6

Semester 3			
Code	Modules	Hrs/Wk	Credits
MGMT5205	Project Management	3	6
MGMT5310	Strategic Management	3	6
LLAW5217	Negotiation, Amicable Settlement & Arbitration	3	6
QUAN5413	Business Research Methods	3	6

Semester 4			
Code	Modules	Hrs/Wk	Credits
DISS5000	Dissertation/Applied Project		18
	Workshops/Seminars		



## P. MODULE OUTLINE

### YEAR 1 , SEMESTER 1

#### **MBA Code (ECON5101) Economics for Managers (6 credits)**

The module presents the foundation to understanding how the economy works, covering microeconomic descriptions of business applications as well as some macroeconomic issues.

**Content:** pricing for profit maximisation, price elasticity, market structures and modelling of businesses in varying economic climates. Demand analysis and forecasting, production and costs, cost benefit analysis. Government role in the market and business strategies. Inflation, economic growth and international trade, Fiscal policy, Monetary policy, Foreign exchange policy. Foreign exchange markets. Emerging Issues.

#### **MBA Code (ACCF5101) Financial and Managerial Accounting (6 credits)**

This module provides a broad view of how accounting contributes to an organisation and how managers can make the best use of accounting information, accounting records, and systems, and accountants as internal resources for the purpose of making effective financial decisions.

Accounting is the primary channel for communicating the economics of any business. Managers must understand the concepts and language of accounting in order to use this critical tool effectively for communication, monitoring, and resource allocation.

**Content:** Understanding Accounting processes; financial reporting requirements of an entity, Understanding Annual Reports of companies; components of financial statements including statement of cash flows; Financial Statement Analysis using accounting ratios. Costs classifications; Costs allocation; marginal costing principle; Contribution analysis for short-term decision making; relevant costing techniques; CVP analysis and Budgeting and Case study analysis. Emerging Issues.

#### **MBA Code (MGMT5214) Operations Research (6 credits)**

The aim of this module is to provide students with an understanding of fundamental principles of management science. It is geared to develop skills in formulating basic mathematical models and familiarise students with the main algorithms used in management science. The module also addresses the use of IT and quantitative methods for managing performance in organisations.

**Content:** Linear programming, decision analysis, the SIMPLEX method, duality and sensitivity analysis, transportation model and its variants, network models, goal programming, Forecasting models, Queuing systems, inventory models, simulation modelling, emerging issues.

**MBA Code (PRSC5308) Strategic Procurement and Supply Chain Management (6 credits)**

The module comprises of management subjects suitable for a masters level qualification in Purchasing and Supply Chain Management and is designed for professional Practice at middle management and higher levels of management in this area.

Content: An Overview of Supply Chain Management Purposes and Processes; Strategic Supply Chain concept, Components of a Competitive Supply Chain; Organizational Structures and the Supply Chain; Supply Chain Design; Trends That Make Strategic Operations, Insourcing /Outsourcing Decisions ; Quality Programs ;Relationship Analysis. Risk management in Supply Chain, Evaluating and Measuring performance in Supply Chain, Adding value, Strategic procurement management, Public procurement law, E-procurement, Sustainable Procurement Warehouse Design and operation, Demand and Inventory Planning, Emerging Issues.

**YEAR 1, SEMESTER 2**

**MBA Code (HRMT5207) Organisational Behaviour & Human Resource Management (6 credits)**

The objective of this subject is to familiarise the student with management concepts and behavioural processes in the organisation which lead to a better grasp of functional human resource management issues.

Content: Managerial Processes, Functions, skills, and roles in an organization - an overview. Evolution of management theories, Organization structure, Motivation, Interpersonal communication, Group Dynamics, Leadership and influence process, Conflict Management. HRM Concept and Philosophy, HRM functions, HRD Instruments, Processes and Outcomes, Human Resource Planning – Concept, Quantitative and Qualitative dimensions, HRM in the changing environment, Recruitment and Selection, Job Analysis, Induction and orientation, Training and Development, Performance and potential appraisal, Rewards Management, Industrial Relations, Collective Bargaining, Grievance and Dispute, Employee Empowerment, emerging issues.

**MBA Code (MKTG5120) Marketing Management (6 credits)**

Marketing Management emphasizes the managerial aspects of marketing and introduces students to the systematic development and implementation of marketing plans and strategies in competitive business environment. The focus is on decision-making processes related to the organization and its markets in accordance with marketing management principles.

Content: Marketing Analysis; Marketing Planning: An overview of marketing; The marketing environment; Understanding consumer behaviour; Understanding organizational buying behaviour; Marketing Research and Information system; market segmentation and positioning; Marketing strategy; Analysing competitors and creating competitive advantage; competitive marketing strategy; Managing marketing implementation, organization and control; Digital, Mobile and Social Media Marketing, The Global Marketplace & Sustainable Marketing, Social Responsibility and Ethics, emerging issues.

**MBA Code (LLAW5303) Law and Ethics in Engineering (6 credits)**

This module encompasses legal aspects and ethical concerns regarding engineering management. The module focuses on law related aspects, methods of critical legal analysis, and ethical principles as they impact on engineering management.

Content: Ethics: Definition and Analysis; Engineers as Employees; Honesty, Integrity, and Reliability; Morality and Social Policy, Engineers and the Environment. Law: Legal Systems; Contract Law; Tort law; Property Rights; Commercial Law; Corporate Law; contemporary topics in Law, emerging issues.

**MBA Code (MGMT5216) Engineering Risk Management (6 credits)**

This module is intended to provide a broad treatment of engineering risk management techniques comprising decisions, risk assessments, and reliability. The module emphasises on (1) the modelling of engineering problems and evaluation of systems performance under conditions of uncertainty; (2) risk-based approach to life-cycle management of engineering systems; (3) systematic development of design criteria, explicitly taking into account the significance of uncertainty; and (4) logical framework for risk assessment and risk-benefit tradeoffs in decision making. Note, fundamental mathematical concepts are developed in the context of engineering problems.

Content: Overview of risks associated with engineering activities, fundamentals of risk identification, measurement and control, hazard identification and risk management strategies, usefulness, applicability and limitations of risk assessment, safety and environmental management systems, corporate engineering risk management programs, issues in risk perception and risk communication, emerging issues.

**YEAR 2, SEMESTER 3**

**MBA Code (MGMT5205) Project Management (6 credits)**

This unit will take students through the problem identification phase to scoping, planning, implementation and evaluation of projects.

Content: Problem identification techniques, Definition of project, Dimensions of project, Stages of a project life cycle, Project scoping: SWOT, Force-Field, Resource Analysis, Stakeholder analysis, Feasibility Studies; Project Planning (Tools and Techniques and Soft Issues; Project Implementation, Monitoring progress and managing change; Project Evaluation and Learning for future projects, emerging issues.

**MBA Code (MGMT5310) Strategic Management (6 credits)**

The aim of this module is to develop students' familiarity with the principal concepts, frameworks and techniques of business policy and strategy. This will involve and evaluation of the impact of the external operating environment and the need to adopt organizational strategies to ensure effective business performance.

Content: The strategic management process, Flexible system view of strategic management, Strategic situations analysis, PEST analysis of competitive environment, Competitive advantage profile, Industry foresight, strategic-capability analysis-resource audit, value chain analysis, Comparative analysis, SWOT analysis, Core competencies, Culture and stakeholder expectations, emerging issues.

**MBA Code (LLAW5217) Negotiation, Amicable Settlement & Arbitration (6 credits)**

The aim of this module is to develop academic and professional proficiency in conflict management, negotiation, dispute avoidance, arbitration, etc. As pre-requisite, students are expected to successfully complete the module Law and Ethics in Engineering.

Content: Conflict Management: Conflict definition; Conflict sources. Negotiation: Different forms of negotiations (i.e. Interest based, Competitive based); Negotiation skills (i.e. problem solving, Listening, Paraphrasing, Dealing with threats and anger). Amicable Settlement: Definition (i.e. mediation, fact-finding, advisory award); examples and case studies of amicable settlement. Arbitration: Definition; Dismissal (i.e. Operational requirements, Misconduct, Incapacity); Interest issues (Wages, Job grading); Interpretation issues; Arbitration procedures (i.e. Opening arguments, Narrowing the issues, Examination, Re-examination, Cross-examination, Interventions); Special Focus on Admissibility of evidence, Assessment of evidence, Dealing with representation, Dealing with preliminary points. Drafting: Awards; Agreements; Opinions, emerging issues.

**MBA Code (QUAN5413) Business Research Methods (6 credits)**

The aim of this unit is to introduce students to the practical aspects of management research. It shall expose students to different analytical techniques and covers aspects such as: foundations of research, sampling, data collection, data analysis and presentation of main findings. Upon completion, students will be able to design and formulate individual project proposals that will be assessed for the approval of the Applied Project/Dissertation.

**YEAR 2, SEMESTER 4**

**DISS Code (DISS5000) Dissertation/Applied Project (18 credits)**

The applied project is a major piece of work required for the fulfillment of an MBA award. Students are expected to demonstrate rigorous research skills and appropriate methodologies acquired during the course. The project must involve problem solving research and more details on the structure of the project will be made available through an MBA Project Guidelines (MPG). A student is expected to submit a thesis on the key findings at the end of semester 4. Students will be to defend the work through a presentation and viva voce and will be evaluated on the work done by him/her. The credit assigned to the project work is equivalent to that of 3 modules. Students are expected to maintain individual contact with their dissertation/project supervisor.

**Workshops/Seminars**

Different workshops/seminars will be conducted in close collaboration with Ministries, Private Sector, NGOs and other stakeholders with a view to increase awareness on Emerging Issues. Upon completion of this unit attendees will be awarded a certificate of attendance. Seminars will be normally held on Emerging Issues