

Diploma in Town and Country Planning - E201 (P/T)

1. Aims and Objectives

The objective of this course is to provide the necessary skills and knowledge to students who will be involved in planning work. There is a shortage of trained technicians at the level of the local authorities, central government and Rodrigues and there is a need to build capacity. The course is geared primarily to officers already in employment in the above organisations' planning departments but who have no formal planning and who need to develop the proper perspective to planning work. The course would also be open to college-leavers and eventually to the wider Indian Ocean region.

2. General Entry Requirements

As per General Entry Requirements for admission to the University for Undergraduate Diplomas.

3. Programme Requirements

2 'A' Levels or equivalent.

Or Credit in 5 GCE 'O' Level subjects + at least **10 years** relevant experience.

4. Programme Duration:

Part-time
3 years Minimum,
5 years Maximum

The duration of the Programme should normally not exceed 5 years (10 semesters).

	Normal	Maximum
<u>Diploma</u>	6 semesters	10 semesters

5. Credits Per Semester

Minimum 3 credits (subject to Regulation 4)

6. Minimum Requirements for the Award of the Diploma

Minimum number of credits needed to be awarded a diploma is 61 credits.

Note 1: Core Modules

Students should satisfy **all core modules** to be eligible for the award of the Diploma.

Note 2: Diploma project

Dissertation /Project work to be carried out in level 3 will have a load equivalent of 6 hours per week.

7. Assessment

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

Written examinations of 2-hour duration and continuous assessment carrying up to 40% of total marks. Continuous assessment will be based on fieldwork, assignments and class tests.

For a student to pass a module, a minimum of 30% should be attained in both Continuous Assessment and Written Examination separately, with an overall total of a minimum of 40% in that module.

8. Termination of Registration

Registration will be terminated if GPA remains below 1.00 for two registered consecutive Semesters.

9. Modules of a Special Nature

Self-Study Subjects

Under special circumstances a student may be allowed to complete up to 6 credits (with grades) of course work by self-study, subject to recommendation by Department and approved by Faculty Board.

Independent Study

Elective in form of projects may be offered to students who have already earned at least 75 credits. This elective will carry 3 credits and may be completed in a maximum of 2 semester. Grade S, U or X will be awarded for Independent Study.

Audit Subjects

A maximum of 9 credits from modules in any course except departmental core modules may be allowed to be completed on audit basis. Audit facility will be allowed to all students upon recommendation of the Department. Grades S or U will be awarded for audit subjects.

10. Programme Plan

YEAR 1

Semester 1

Semester 2

Core Modules

Core Modules

COMM	1010	Communication skills	3+0	3	CIVE	1203D	Building Construction	2+1	2.5
CSE	1010	Introduction to IT	1+2	3	CIVE	1205D	Foundation Module 1	6+0	6
CIVE	1103D	Planning Tools	3+0	3					

YEAR 2

Semester 1

Semester 2

Core Modules

Core Modules

MECH	1101	Engineering graphics	1+2	3	CIVE	2243D	Valuation and Estate Management	3+0	3
CIVE	1143D	Surveying 1	3+1	3.5	CIVE	1206D	Foundation Module 2	6+0	6

LAW	1101	Introduction to law and legal methods	3+0	3	CIVE	1207D	Architectural technology	3+0	3
CIVE	2100D	Vacation Specialised study		3					

YEAR 3

Semester 1

Core Modules

CIVE	2142D	Civil Engineering Mgt1	3+0	3
CIVE	1102D	Introduction to GIS	2+2	3
CIVE	2010D	Project		

Semester 2

Core Modules

CIVE	2207D	Transportation	3+0	3
CIVE	2208D	Environmental Management	3+0	3
CIVE	2010D	Project	8	

11. Outline Syllabus

COMM 1010 - COMMUNICATION SKILLS (L – 3.0 BY DE MODE)

Theory and models of communications. Effective use of English. Written communication. Oral presentation. Flow in organisations. Using the media.

CSE 1010 - INTRODUCTION TO INFORMATION TECHNOLOGY (L/P –3.0 by DE mode)

Introduction to computers, hardware and software. Input, output and storage. Organisation of data. Analysis and design. Data communications. Impact of computers on society. Future of computing.

CIVE 1103D - PLANNING TOOLS (L – 3.0)

An overview of the existing planning tools in Mauritius and their importance. The existing guidelines (specially outline schemes), and the procedures for their implementation and enforcement. Critical assessment of the existing framework.

CIVE 1203D - BUILDING CONSTRUCTION (L/P – 2.5)

Building codes and zoning. Types of structures and structural elements. Site preparation and layout. Introduction to architecture. Building construction drawing and computer aided drafting.

CIVE 1205D - FOUNDATION MODULE 1(PLANNING LAW & PRACTICE)(L–6.0)

(90 hrs = 60 student study hrs + 30 direct contact hrs)

Agencies, development plans, meaning of development. Planning permissions, appeals and enforcement. Special areas of control.

MECH 1101 - ENGINEERING GRAPHICS (L/P – 2.0)

Introduction to drawing office practice. Technical Drawing dimensioning. Electrical wiring diagrams. Introduction to building construction drawing.

CIVE 1143D - SURVEYING 1 (L/P – 3.5)

Principles of surveying. Controlled and detailed survey. Adjustments. Aerial photography.

LAW 1101 - INTRODUCTION TO LAW AND LEGAL METHODS (L – 3.0)

Law and other social sciences. Sources of law. Distinction between public and private law. Criminal and civil law. Role of law. Common law and civil law systems. Case law techniques. Statutory interpretations.

CIVE 2100D - SPECIALISED STUDY (3)

The specialised study carried out during vacation over a period of 10 weeks should cover topics which may not be adequately covered or which may be desirable in addition to the formal modules such as:

- ◆ Construction and Urban Design
- ◆ Plan-making Processes
- ◆ Implementation and Resources

CIVE 2243D - VALUATION AND ESTATE MANAGEMENT (L - 3.0)

Principles of Valuation. Land use and land management studies. Land Values. Valuation rating and taxation. Relevant legislation.

CIVE 1206D - FOUNDATION MODULE 2 (PLANNING STUDIES) (L – 6.0)

(90 hrs = 60 student study hrs + 30 direct contact hrs)

Evolution of British Planning. Urban and Rural planning issues. Transportation planning issues.

CIVE 1207D - ARCHITECTURAL TECHNOLOGY (L - 3.0)

Introduction to architecture. Architectural drawing and computer aided drafting. Architectural procedures and contracts.

CIVE 2142D - CIVIL ENGINEERING MANAGEMENT 1 (L- 3.0)

Structure of the construction industry. Planning and programming. Estimating and tendering. Contract procurement. Civil engineering and building Quantities. Specifications. Site management.

CIVE 1102D - INTRODUCTION TO GIS (L/P – 3.0)

The course focuses on fundamental concepts of GIS and its applications. Data structures. Spatial Referencing. Geographic Data Processing and reporting, GIS implementation issues.

CIVE 2010D - DIPLOMA PROJECT (8)

CIVE 2207D - TRANSPORTATION FOR PLANNERS (L – 3.0)

Transportation systems. Transport planning. Design of transport infrastructure. Traffic management and control. Transport and the environment.

CIVE 2208D - ENVIRONMENTAL MANAGEMENT FOR PLANNERS (L – 3.0)

Environment Management in the Industry. ISO 14000, Environment legislation; Environment impact assessments; Environmental compliance and monitoring.