

## Certificate in Town and Country Planning (P/T) – E112

### 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 and there is a need to build capacity. The course is geared primarily to officers already in employment in departments related to planning but who need to develop the proper perspective to planning work.

### 2. General Entry Requirements

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

### 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:

Minimum: 1 year (Part-time)

Maximum: 2 years (Part-time)

### 5. Credits Per Semester (Subject to Regulation 4)

Minimum: 3 credits

Maximum: 24 credits

### 6. Minimum Requirements for the Award of the Certificate

---

Minimum number of credits needed to be awarded a certificate is 33 credits.

#### **Note 1: Core Modules**

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

### 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 **20% to 30%** of total marks. Continuous assessment will be based on fieldwork, assignments and class tests and **should include at least two (2) assignments/ tests per semester per module.**

An overall total of **40%** for combined assessment and written examination components would be required to pass the module, without minimum thresholds within the individual continuous assessment and written examination.

Modules CIVE 1112(1) and CIVE 1212(1) will be assessed solely through continuous assessment.

## 8. Termination of Registration

Registration will be terminated if the Cumulative Point Average (CPA) remains below 40 % for two consecutive registered semesters.

## 9. Modules of a Special Nature

### Self-Study Subjects

Under special circumstances a student may be allowed to complete up to 3 credits (with grades) of course work by self-study, subject to recommendation by Department and approval of Faculty Board.

## 10. Programme Plan

Code	SEMESTER 1	Hrs/Wk	credits
<b>Core modules</b>		<b>L + P</b>	
CIVE 1108(1)	Planning Tools	3 + 0	3
CIVE 1109(1)	Introduction to urban design	3 + 0	3
CIVE 1110(1)	Introduction to Planning perspectives in Mauritius	3 + 0	3
CIVE 1111(1)	Introduction to Architectural Technology	3 + 0	3
CIVE 1112(1)	Mini assignment	3 + 0	3
CSE1010E(1)	Introduction to Information Technology	O.E	3
			<b>18</b>
<b>SEMESTER 2</b>			
CIVE 1208(1)	Transportation in planning	3 + 0	3
CIVE 1209(1)	Probability and Statistics	3 + 0	3
CIVE 1210(1)	Environmental Planning	3 + 0	3
CIVE 1211(1)	Introduction to GIS	3 + 0	3
CIVE 1212(1)	Mini assignment	3 + 0	3
			<b>15</b>

## 11. Outline Syllabus

### CIVE 1108(1) - 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 1109(1) - INTRODUCTION TO URBAN DESIGN (L – 3.0)

Illustration of planning and design processes involved. The subject will develop skills in analysis of land use planning and design ideas. Current urban design and theory.

**CIVE 1110(1) - INTRODUCTION TO PLANNING PERSPECTIVES IN MAURITIUS (L / P – 3.0)**

The aim of this module is to make the students aware of the different legislation affecting planning in Mauritius, the new perspectives of planning in Mauritius – IRS, RES. The module will also explain how the economic environment affects planning, the impacts of the Business Facilitation Act on Planning.

**CIVE 1111(1) - INTRODUCTION TO ARCHITECTURAL TECHNOLOGY (L / P – 3.0)**

Introduction to architecture, to Architectural procedures and contracts. The importance of architecture in planning

**CIVE 1112(1) & CIVE 1212(1) MINI ASSIGNMENT (3.0)**

The mini assignment 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

The mini assignment should be completed during vacation training and shall be between 2000 – 3000 words.

**CSE 1010E(1) - INTRODUCTION TO INFORMATION TECHNOLOGY**

IT and computers, stepping in the computer; input and output devices, secondary storage, programming, systems software, applications software, systems development, computer networks, the Internet, computer security, software utilities, issues and trends in IT.

**CIVE 1208(1) - TRANSPORTATION IN PLANNING (L – 3.0)**

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

**CIVE 1209(1) - PROBABILITY AND STATISTICS (L / P – 3.0)**

Statistics in planning: data sources, sampling, questionnaires, variables, frequency distributions, probability and sampling, binomial distribution, normal distribution, tests of significance.

**CIVE 1210(1) - ENVIRONMENTAL PLANNING (L / P – 3.0)**

This module introduces a study of the social, economic and political influences on the natural and built environment. It considers management and evaluation techniques used to understand, monitor and control environmental changes.

**CIVE 1211(1) - 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.