CIV2104 Hydraulics

Hours per Semester				Weighted Total Mark	Weighted Exam Mark	Weighted Continuous Assessment Mark	Credit Units
LH	PH	TH	CH	WTM	WEM	WCM	CU
45	30	0	60	100	60	40	4

Course Description

This course provides the fundamentals needed to understand the application of hydraulics to the environment and to Civil engineering works. The course covers aspects of open and closed flow in machines and other structures of practical relevance to civil engineering.

Objectives

The course is intended to provide the student with:

- an understanding of hydraulics as applied to the environment and to Civil Engineering works.
- an understanding of the factors affecting fluid flows in pipes and open channels.
- tools for measurement of flow in pipes and open channels.
- an understanding of the use of hydraulic machines in Civil Engineering projects.