CIV1202 Fluid Mechanics

Hours per Semester				Weighted Total Mark	Weighted Exam Mark	Weighted Continuous Assessment Mark	Credit Units
LH	PH	TH	CH	WTM	WEM	WCM	CU
45	0	0	45	100	60	40	3

Course Description

This course introduces general fluid flow principles to Civil Engineering students. It demonstrates the principles through examples where the fluid is water. Civil Engineering projects such as hydropower development, water supply, drainage and flood defences require knowledge of fluid mechanics.

Objectives

- Introduces fluid mechanics and establishes its relevance in Civil engineering.
- Develops the fundamental principles underlying the subject.
- Demonstrates how these are used for the design of simple hydraulic components.