CIV2105 Thermodynamics for Civil Engineers

Hours per Semester				Weighted Total Mark	Weighted Exam Mark	Weighted Continuous Assessment Mark	Credit Units
LH	PH	TH	CH	WTM	WEM	WCM	CU
30	0	0	30	100	60	40	2

Course Description

This course introduces students to the basic principles of electricity and thermodynamics relevant to buildings and other Civil Engineering infrastructure.

Objectives

- develop ability to value the contribution of electrical and thermodynamic engineering principles to Civil Engineering profession
- Create an appreciation of flow of current
- develop ability to apply the laws of thermodynamics in solving heat related problems in systems