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