CIV2202 Theory of Structures II

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

Course Description

This course develops further the structural principles introduced in Theory of Structures I. It deals with analysis of statically indeterminate elastic structures using slope-deflection methods and moment distribution. More emphasis is placed on the matrix methods of analyzing structures.

Objectives

- Enable students select an appropriate analysis method for beams, frames and trusses.
- Enable students to recognise and analyse frames with/without sway using several methods.
- Enhance student's capacity to recognise and use computing and IT skills (in particular spreadsheets) in the analysis of structures.