CIV3102 Design of Structures I (Concrete)

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

The course deals with design principles of concrete structural components that are used in Civil Engineering infrastructure under different possible modes of loading.

Objectives

- create appreciatation of the importance of concrete as a structural material.
- enhance appreciation of the shortcomings of concrete and how to overcome them.
- Design various structural concrete elements loaded in tension, compression, bending and torsion.
- Design connections of concrete with other materials like steel, masonry and timber.