

CIV4206 Introductory Dynamics of Structures

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

Course Description

This course deals with effects of dynamic loads (particularly earthquakes) on structures and the basis of seismic building codes

Objectives

- Enable the student to acquire an understanding of the dynamic effects on structures
- Introduce the students to the fundamental analysis methods of dynamic systems
- Introduce the students to seismic effects and to the design of seismic resistant systems.