CES1207 Materials for Civil Engineering Surveying

LH	PH	TH	CH	WTM	WE	WCM	CU
30	0	0	30	100	60	40	2

Course description

This course provides students with essential knowledge on the properties, use of some of the most important materials used in civil engineering, including soil, aggregate, concrete, and geotechnical materials.

Objectives

- To explain what materials the Civil Engineer uses, their characteristics and how they can be manipulated.
- To make the student aware of the types of materials encountered in Civil Engineering works, and how this can affect a project
- To explain what tests are carried out on materials to determine their properties
- To give simple field tests by which the Surveyor may classify materials.