

No.	Course No.	Course Title	Weekly hours		Credits	Pre-requisite	Learning Type
			Theoretical	Practical			
13	0704332	Geotechnical Engineering Lab	3	3	1	0704331	face-to-face
			Using soil examination methods to determine the physical properties of different types of soil, laboratory experiments include Grain size distribution (using sieves analysis with different gradients for coarse grains, and hydrometer analysis for fine soils). Atterberg limits(liquid limit, plastic limit, shrinkage limit). Standard Proctor Compaction Test, permeability tests (constant and variable). Consolidation tests, soil swelling and swelling pressure, direct shear, unconfined compression tests, triaxial compression tests and writing the laboratory reports.				