

Department of Civil Engineering Courses

First semester 200 level

Course Code	Course Title	Units
CE 211	Strength of Materials I	2

Second semester 200 level

Course Code	Course Title	Units
CE 222	Strength of Materials II	2
CE 223	Engineering Hydromechanics	2

First semester 300 level

Course Code	Course Title	Units
CE 311	Structural Analysis I	2
CE 312	Civil Engineering Materials I	2
CE 314	Land Surveying I	2
CE 315	Applied Fluid Mechanics and Hydraulics	3
CE 316	Soil Mechanic I	3
CE 317	Structural Design in Steel	2
CE 318	Engineering Geology	2

Second semester 300 level

Course Code	Course Title	Units
CE 321	Structural Design in Timber	2
CE 322	Structural Analysis II	2
CE 323	Fluid Dynamics and Hydrology	3
CE 324	Reinforced Concrete Design I	3
CE 325	Land Surveying II	2
CE 326	Soil Mechanic II	3
CE 327	Building Technology and Design	2

First semester 400 level

Course Code	Course Title	Units
CE 411	Hydraulics and Hydrology	3
CE 412	Earthworks I	2
CE 413	Irrigation and Drainage I	2
CE 414	Computer aided Design (AUTOCAD) for Civil Engineers	3
CE 415	Reinforced Concrete Design II	3
CE 416	Advanced Surveying and Photogrammetry	3
CE 417	Introduction to Transportation Engineering	2
CE 418	Civil Engineering Practice	2

Second semester 400 level

EIT 430 Industrial Training (4Units)

First semester 500 level

Course Code	Course Title	Units
CE 511	Design of Hydraulic Structures and Systems I	3
CE 512	Foundation Engineering	3
CE 513	Environmental Impact Assessment	2
CE 514	Advanced Structural Design	3
CE 515	Sanitary Engineering I	3
CE 516	Construction Planning and Management	2
CE 518	Road Surveying and Design I	3

Second Semester 500 Level Courses (New curriculum)

Course Code	Course Title	Units
CE 521	Civil Engineering Materials II	2
CE 522	Hydraulics Engineering Structures and Systems II	3
CE 523	Bridge Design	2

CE 524	Road Surveying and Design II	3
CE 525	Final Year project	6
CE 526	Sanitary Engineering II	2
CE 541	Advanced Foundation Engineering	3