GE 210 “Soil Mechanics and Foundation Engineering 1” 3(2, 1, 2)

Introduction - Soil Identification - Index properties of soils - Soil classification - Water in soil - Stress within the soil - Settlement and consolidation of soils - Compaction of soils, Stability of slopes - Earth pressure and retaining wall - Settlement of structures - Shear strength of soils - Stability of slopes - Excavation and bracing - Site investigation.

Prerequisite: CE 281