CVE322 Soil Mechanics (2 Units)

Department of Civil Engineering

Covenant University
1. CVE322

1.1. CVE322 Soil Mechanics (2 Units)

Introduction: Soil Mechanics, Foundation Engineering & Geotechnical Engineering; Formation of soils and their Characterization; Soil Phase relationships; Index properties: Gradation of Soils; Consistency/Atterberg Limits; Classification of Soils: AASHTO, USCS, etc.; Seepage and permeability, and ground water flow; Capillarity, Effective Stress and Pore-water Pressure