

CE631A: Advanced Geotechnical Engineering

3-0-0-0 [9]

Course Contents:

Soil composition and soil structure, Steady State flow, 2D and 3D seepage, Transient flow; Compressibility and Rate of consolidation, One, two, and three dimensional consolidation theories; Shear strength and stress-strain relationships of soils; Stability of slopes, Arching effects, Buried Structures