

CIVIL GEOTECHNICAL ENGINEER (CEG)

CEG 3011C - Geotechnical Engineering I (3 Credits)

Physical properties and classification of soils; flow of water through soil, distribution of stress within soil and consolidation; design consideration for compaction, seepage, and settlement analysis; laboratory.

Prerequisite(s): CWR 3201C and EGN 3331C

CEG 4012C - Geotechnical Engineering II (3 Credits)

Earth pressure and settlement analysis, shear strength and compressibility, bearing capacity, slope stability. Introduction to foundations utilizing practical geotechnical design.

Prerequisite(s): CEG 3011C