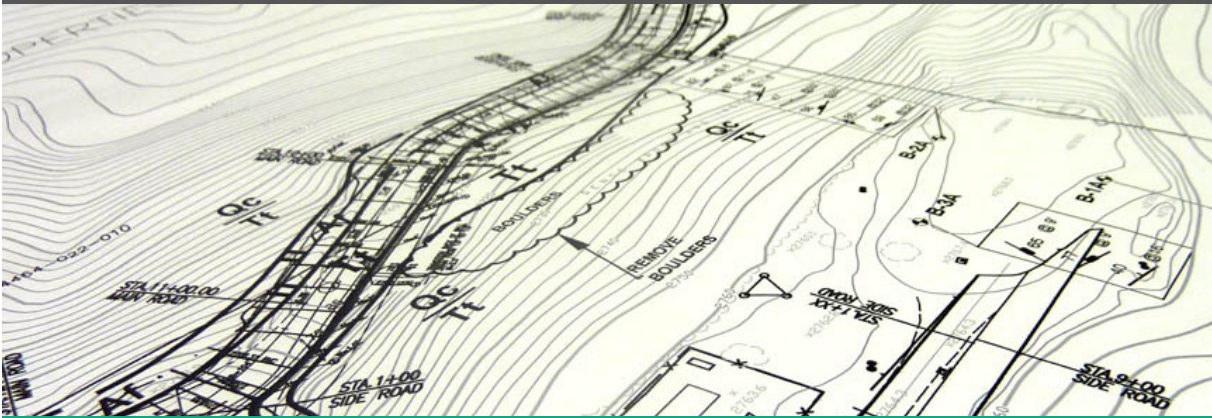


Geotechnics for Construction Contractors

Learn the Fundamental Characteristics of the Soil that Supports the Project!



Elective Course for the Construction Management Certificate Program (CMC)

A FLEXIBLE PROFESSIONAL DEVELOPMENT PROGRAM DESIGNED FOR FIELD AND OFFICE LEADERS IN THE CONSTRUCTION INDUSTRY

COURSE OVERVIEW

Geotechnical properties of soils greatly influence the stability of any structures like buildings, roads, bridges, tunnels, dams, towers, etc. Building on poor soil can impact the structural integrity and lead to costly rework as well as legal trouble. Therefore, it is critical to understand soils, its properties, and their applications in the construction process. This seminar will include a comprehensive discussion on soil types, classification, and how to deal with problematic soils during construction. In addition, the presentation will cover field exploration, lab tests, earthwork operation, field compaction, various types of soil stabilization techniques. This course is specifically designed for both field and office personnel working in the construction industry.

LEARNING OBJECTIVES

- Classification of soils to understand properties of various types of soil and their behavior
- Effect of water in ground and how it may impact construction projects
- Site preparation and techniques that may help to minimize any additional cost and delay
- Methods of compaction and soil stabilization used in the field
- Subgrade observation and testing to ensure long-term performance of buildings

COURSE DETAILS & REGISTRATION INFORMATION

Date: Friday, April 26, 2024
Time: 11:30 p.m. – 3:30 p.m. (Lunch Included)
Cost: **\$200**
Instructor: Akhtar Zaman, PE, LEED AP BD+C
Advanced Engineering Services (AES)

Location: Construction Advancement Foundation
6050 Southport Road, Suite A
Portage, IN 46368

This course can be taken as a stand-alone or as part of the CAF Construction Management Certificate (CMC) Program

Qualifies for 4 professional development hours (PDHs) for professional engineers

Register Online by: April 24, 2024
www.cafnwin.org/register
or Call the CAF at 219-764-2883