



Course Profile



GEOPAK Road 1 Design

Course Length: 4 days

Course description:

For the new GEOPAK user, this course builds a foundation in the concepts of roadway design using GEOPAK Road. The focus is on providing an introduction to the most commonly used Road tools.

Interspersed throughout are real-world design problems solved using the concepts learned to that point in the course.

Topics covered:

- Coordinate Geometry (COGO)
- Existing and Proposed Profiles
- Superelevation (Shape Method)
- Roadway Designer Introduction
- Roadway Designer Overview
- Templates
- Surface, Cross Sections and Labeling

Mastery upon course completion:

Upon completion of the course the student should have a solid understanding of how to use GEOPAK for initial roadway design using MoDOT's Project Development and CADD standards.

Pre-requisites:

Fundamental MicroStation class or equivalent. 1-2 months experience using MicroStation in a design production environment.