InRoads 201 Course Details

Course Title

CAE: INROADS - 201 PRODUCTION LEVEL DESIGN

Course Description

This multiple day self-pace course provides an overview to the InRoads roadway design software and the tools for using InRoads on a production project. The hands-on training allows designers to follow the project workflow including setting up an InRoads project in the WSDOT environment, using WSDOT naming conventions and resources, creating Digital Terrain Models, designing horizontal and vertical alignments, defining typical sections and cross sections, calculating earthwork and preparing the project data for MicroStation.

Learning Objectives

Upon completion of this course participants will be able to:

1. Apply WSDOT CAE resources (levels, data formats, preference standards) to a project.

2. Create DTM surface databases, apply triangulation and contouring as well as view surfaces.

3. Use the basic commands for defining and manipulating points, lines, curves, spirals, horizontal

4. Create horizontal and vertical alignment template design, define superelevation, generate cross sections, model a roadway corridor and generate cross section design surfaces.

Questions and Assistance

Contact a regional CAE Coordinator or HQ CAE HelpDesk Contacts.

Learning Center Transcript

For WSDOT users, to get credit in the Learning Center for completing this course submit your final RAMP_BLine_Fin.dtm from Chapter 16 pg 16-21 to the Email: HQ CAE Help Desk.