

Advanced Roadway Designer for InRoads, XM Edition 8.9 and V8i 8.11 with MicroStation

Course Type: Classroom Learning: Hands-on

Products Covered: InRoads Roadway Designer

Target Audience: Civil Engineer; Designer

Course

Description: This advanced level course introduces civil engineering designers to all the major technologies in the Create Template and Roadway Designer applications. Users attending will create templates to provide solutions meeting complex engineering criteria and use the Roadway Designer to provide solutions that integrate disparate engineering requirements.

After completing this course, users will be able to:

Learning Objectives:

- Use all Types of Point Constraints to build Templates representing virtually all cross sectional engineering requirements
 - Build End Condition solutions to very complex Side Slope engineering criteria
 - Automatically provide for Conditional Engineering Specifications using Display Rules
 - Use InRoads tools specifically designed to facilitate integrated and automated ramp modeling
 - Efficiently and accurate design road intersections
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Course Topics:

- Building Templates
 - End Conditions
 - Display Rules
 - Ramp Modeling
 - Intersection Modeling
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Course Details:

Course Prerequisites: Students should have completed the InRoads Fundamentals and Roadway Designer for InRoads courses or possess equivalent experience. Students should have experience designing roadways and using InRoads Surfaces, Geometry Projects, Template Libraries, and Roadway Designer. Experience with appropriate versions of MicroStation equivalent

to the topics taught in the Bentley Institute MicroStation Essentials course.

Learning
Units: 24

Display LUs in: hours