



AutoCAD Civil 3D 2010 Interchange Design

Course Length: 1 day (8 hours)
 Course Fee: \$495⁰⁰ per person
 Class Hours: 8:00am – 5:00pm

Spokane, WA

159 S. Lincoln Street
 Suite 321
 Spokane, WA. 99201
 509-326-7789

BOISE, ID

950 W. Bannock Street
 Suite 270
 Boise, ID 83702
 208-336-6641

Helena, MT

1235 Birch Street
 Suite 3
 Helena, MT 59601
 406-442-8700

Objective

This course shows engineers and designers how to use AutoCAD® Civil 3D® as a tool in the design solution to perform common interchange design tasks more accurately and in less time.

This will teach users to model and evaluate existing ground conditions, design new ramps for an existing project where a partial interchange system already exists, create corridor models, and generate construction information from the models.

Prerequisites

Qualified engineers and designers who need to know how to use AutoCAD Civil 3D to perform common interchange design tasks more accurately and in less time.

Topics Include:

Evaluating Existing Conditions

- Creating Existing Ground Surface
- Generating EG Surfaces Based on Contours
- Generating EG Surfaces from a LandXML File
- Evaluating the Existing 3D Surface Model

Designing Interchanges

- Designing Interchanges
- Creating Geometry-Based Alignments
- Applying Design Criteria and Superelevation
- Creating Surface Profiles
- Creating Layout Profiles
- Creating Assemblies

Modeling Interchanges

- Modeling Interchanges
- Creating Corridor Models and Corridor Surfaces
- Generating Construction Information

To register for this class please visit our Training page on our website
<http://pacificad.com/services/training.asp>

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Training Course Outline

CAD Software • Consulting • Programming • Training