



Duration: 3 Days

Prerequisites:

- A fundamental understanding and knowledge of civil engineering terminology.

Course Outline

This training guide provides you with a fundamental knowledge of the accelerated design process that uses data-rich 3D models with high-end visualizations. This enables you to create, evaluate, and better communicate 3D site plan proposals for faster approvals.

The main topics covered include:

- Navigate the Autodesk InfraWorks user interface
- Create new models from scratch
- Incorporate existing data sources into the model
- Add essential design elements to the model
- Display features according to data behind the model
- Create new styles according to project requirements
- Analyze a model to ensure that project constraints are met
- Collaborate with other project team members
- Create high-impact visualizations of the project for better communication
- Generate videos by using storyboards
- Use the Roadway Design for InfraWorks 360 module to:
 - Create and modify design roads with precise parameters
 - Optimize the vertical design of a roadway
 - Create gradient maps based on selected feature sets to identify areas with low impact for site or corridor optimization (Preview)
 - Find an optimal horizontal design of the roadway which yields a cost effective and environmentally-friendly solution (Preview)
- Create AutoCAD Civil 3D plan and profile sheets from a design road
- Run traffic simulation to analyze and animate design traffic (Preview)
- Use the Bridge Design for InfraWorks 360 Module to:
 - Add bridges to a design roadway
 - Perform analysis and design checks on all the pre-stressed girders of your bridge (Preview)
- Use the Drainage Design for InfraWorks 360 Module to run a watershed analysis and create or modify culverts



Please do not hesitate to contact us for registration and further information

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