

# Autodesk® InRoads® Complete Guide

Autodesk InRoads empowers civil engineers and planners to deliver projects with increased efficiency by managing larger-scale infrastructure models created from existing data sources, engineering in context from the project outset, and generating proposals at the appropriate level of detail.

**Autodesk® InRoads Complete Guide** is specifically aimed at experienced software users looking for advanced skills instruction and introductions to more specialized software. Our on-screen instructors walk you through the processes step by step, allowing you to follow along hands-on if you wish; quickly and easily picking up the new skills you need.

## User's prerequisites

You don't need any previous experience with Autodesk® InRoads to take this course.

## Course Outline

### The InRoads Environment

- The InRoads User Interface
- The Ribbon and its Features
- Quick Access Tool Bar
- Data Sources Panel
- Options Overview
- Getting Help

### Navigation

- Using the View Cube
- Using the Navigation Bar Tools
- Using the Mouse to Navigate
- Bookmarks
- View Commands

### Coordinate Systems

- Model Coordinate Systems Overview
- External Selection

### Working with Styles

- Materials
- Material Groups

- Road Styles
- Coverage Styles
- Pipe and Connector Styles
- Building Styles

### Sourcing Existing Conditions

- Sourcing Existing Conditions Overview
- Terrain Data
- Imagery
- GIS Vector Data
- Point Clouds
- Utilities and Pipes
- Roads
- City Furniture

### Creating a New Design

- Creating a Proposal
- Creating Roads
- Creating Buildings
- Creating Rail

### Presenting Your Design

- Visual Effects
- Snapshots
- Storyboards
- Scenarios

### Analyzing Your Design

- Line of Sight
- Shadow Casting
- Terrain Themes
- Point Cloud Themes

### Sharing Your Design

- Autodesk 360
- Online Models
- Design Feed
- Scenarios
- Moving to Civil 3D
- Visualize Civil 3D

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