

MicroStation V8i Essentials

Course Type: Classroom – Hands on

Products Covered: MicroStation

Target Audience: Administrator; Analyst; Application Developer; Architect; Architectural Designer; Architectural Engineer; Civil Engineer; Civil Engineering Technician; Construction Site Worker; Consultant; Designer; Design Engineer; Drafter; Electrical Designer; Electrical Engineer; Facility Manager; GIS Market Analyst; GIS Specialist; Hydraulics Engineer; Imaging Specialist; Instrumentation Drafter; Instrumentation Engineer; Manager; Mechanical Engineer; Mechanical Engineering Designer; Naval Engineer; Pipe Stress Engineer; Piping Designer; Piping Drafter; Planner; Plant Administrator; Plant Engineer; Process Engineer; Product Designer; Project Manager; Site Developer; Structural Designer; Structural Engineer; Structural Engineering Technician; Surveyor

Course Description:

The MicroStation V8i Essentials course is designed for the new MicroStation user and builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. In this hands-on course, students are already using MicroStation by page four of the course guide. Starting with setting up a drawing and concluding with plotting, students walk through a typical workflow using the tools and features of the latest version of MicroStation. Interspersed throughout are real-world design problems solved using the concepts learned to that point in the course. Various engineering disciplines are represented in the form of hands-on exercises. This offering is taught using MicroStation V8i.

This course uses the MicroStation Examples files as the course data set. These files are available:

- When you install MicroStation
 - From the Bentley Library
(<http://selectservices.bentley.com/en-US/Support/Downloads+And+Updates/Bentley+Library/>)
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At the end of the course students will be able to:

Learning Objectives:

- create and edit 2D designs using established design standards in a production environment
 - have a solid understanding of MicroStation
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Course Topics:

- Course Overview

- Welcome to MicroStation
 - Working with Views
 - Precision Input with AccuDraw
 - Drafting with MicroStation
 - Element Creation Tools
 - Working with Existing Elements
 - Modifying Existing Elements
 - Annotating Designs
 - Organizing Design Data
 - Organizing Project Data
 - Creating Printed Output
 - Design Labs
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**Course
Details:**

Course Prerequisites:

- none
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Learning Units: 32

Display LUs in: hours