

Pro/ENGINEER Wildfire 2.0 Piping Design

Course Description

Pro/ENGINEER: Piping Design teaches students the techniques and functionality required to create pipelines using the Pro/ENGINEER Pro/PIPING module. This hands-on course contains extensive practice exercises to provide you with experience in creating solid pipe geometry within Pro/ENGINEER assembly models. This course takes you from the initial steps of setting up Line Stock files to defining pipeline parameters, creating piping assemblies, and documenting these assemblies.

Topics include:

- Creating Line Stock files to define pipeline parameters
- Understanding and using datum features in the piping environment
- Defining the start points of pipeline segments
- Defining a pipeline's path by creating and selecting references
- Connecting and branching segments of a pipeline
- Modifying existing Line Stocks and pipelines
- Routing pipelines using the EZ Route functionality
- Adding fittings into pipelines
- Creating extracted solid models to represent a pipeline and its fittings
- Investigating and extracting pipeline information
- Generating deliverables by documenting piping assemblies and components in Drawing mode
- Managing the model using Assembly mode techniques

Hands-on exercises representing real-world, industry-specific design scenarios are included.

Course Duration: 2 days

Pages: 322

Prerequisites

Pro/ENGINEER: Introduction to Solid Modeling I & II and Pro/ENGINEER: Core Update 2001 to Wildfire or equivalent Wildfire experience.