



Detailing with Pro/ENGINEER Wildfire 4.0

Course Code TRN-2173-T

Course Length 3 Days

Overview

Detailing with Pro/ENGINEER Wildfire 4.0 is a comprehensive training course that teaches you how to quickly create detailed drawings using information captured within 3-D design models. In this course, you learn how to create drawings, how to detail drawings, and how to take advantage of the parametric and associative nature of Pro/ENGINEER Wildfire 4.0 when configuring drawings. After completing this course, you will be able to create production drawings suitable for manufacturing.

Prerequisites

Introduction to Pro/ENGINEER Wildfire 4.0.

Audience

This course is intended for mechanical designers, design engineers, and related roles.

Course Objectives

- Understand the drawing development process.
- Create new drawings using formats and drawing templates.
- Create different types of views in drawings.
- Create dimensions and notes.
- Control display options using layers.
- Apply dimensional and geometric tolerances in drawings.
- Add draft geometry and symbols to drawings.
- Use layers in drawings to control the display of views and detail items.
- Create drawing tables and a bill of materials.
- Create drawing formats.
- Configure the drawing environment.
- Manage large drawings.

Agenda

Day 1

- Module 1 Introduction to Drawings
- Module 2 Creating New Drawings
- Module 3 Creating Drawing Views

Day 2

- Module 4 Adding Model Details to Drawings
- Module 5 Adding Notes to Drawings
- Module 6 Adding Tolerance Information
- Module 7 Adding Draft Geometry and Symbols

Day 3

- Module 8 Using Layers in Drawings
- Module 9 Creating and Using Tables in Drawings
- Module 10 Using Report Information in Drawings
- Module 11 Creating Drawing Formats
- Module 12 Configuring the Drawing Environment
- Module 13 Managing Large Drawings

