



## Creating Production Drawings with Pro/ENGINEER Wildfire 3.0

Course Code TRN-1830-T

Course Length 3 Days

### Overview

Creating Production Drawings with Pro/ENGINEER Wildfire 3.0 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 will learn how to create drawings, how to detail drawings, and how to take advantage of the parametric and associative nature of Pro/ENGINEER Wildfire 3.0 when manipulating drawings. You will also learn system administration information relating to drawings. Upon completion of this course, you will be able to create complete production drawings suitable for manufacturing.

At the end of each topic, you use the Pro/FICIENCY skills assessments to reinforce your understanding of the course topics. Your instructor utilizes the results from the anonymous skills assessments as the basis for daily review sessions.

### Prerequisites

Introduction to Pro/ENGINEER Wildfire 3.0.

### Audience

This course is intended for mechanical designers, design engineers and related roles. The topics in this course are also available as Web-based training courses.

### Topics

- Creating views of parts, assemblies, and multiple models on drawings.
- Creating dimensions and notes.
- Controlling display options using layers.
- Applying linear and geometric tolerances in drawings.
- Adding 2-D drafting and symbols to drawings.
- Creating drawing tables and Bill of Materials.

- Documenting family tables within drawings to create parts catalogs.
- Creating drawing formats, templates and standards.
- Managing large drawings.

## **Agenda**

### **Day 1**

- Module 1 Introduction to Drawings
- Module 2 Creating Views in Drawings
- Module 3 Adding Details to Drawings - I
- Module 4 Adding Details to Drawings - II

### **Day 2**

- Module 5 Layers in Drawings
- Module 6 Adding Tolerances
- Module 7 Adding 2-D Draft Geometry and Symbols
- Module 8 Creating Tables
- Module 9 Creating Part Catalogues

### **Day 3**

- Module 10 Creating Drawing Formats
- Module 11 Creating Template Drawings
- Module 12 Setting up Drawing Standards
- Module 13 Managing Large Drawings

