

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.

Duration

3 days

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

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