



Advanced Part Modeling with Pro/ENGINEER Wildfire 3.0

Course Code TRN-1831-T

Course Length 2 days

Overview

The Advanced Part Modeling with Pro/ENGINEER Wildfire 3.0 training course teaches you how to use advanced part modeling techniques in Pro/ENGINEER Wildfire 3.0 to improve your product designs. You will learn how to create and modify design models using advanced sketching techniques and feature creation tools. You will also learn how to reuse existing design geometry when creating new design models.

Pro/FICIENCY assessments will be provided in order for you to assess your understanding of the course materials. The assessment results will also identify the class topics that require further review. At the end of the class, you will either take an assessment via your PTC University account, or your instructor will provide training on how to do this after the class. After completing this course, you will be well prepared to work efficiently with complex product designs using Pro/ENGINEER Wildfire 3.0.

Prerequisites

Introduction to Pro/ENGINEER Wildfire 3.0.

Pro/ENGINEER Wildfire 3.0 Update from Pro/ENGINEER Wildfire 2.0.

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 sketch-based features using advanced sketching techniques such as conics, splines, and elliptical fillets.
- Creating finishing features such as rounds, chamfers, drafts and shells using advanced options.
- Creating sweeps and blend features using advanced options.

- Duplicating features and components using advanced patterning techniques.
- Duplicating features and components by using pattern tables.
- Reusing design geometry by using inheritance and user-defined features (UDF).

Agenda

Day 1

Module 1 Advanced Sketch-based Features

Module 2 Advanced Drafts and Shells

Module 3 Advanced Rounds and Chamfers

Day 2

Module 4 Advanced Sweeps and Blends

Module 5 Advanced Patterns and Copies

Module 6 Reusing Product Designs

