




Advanced Assembly Management with Pro/ENGINEER Wildfire 3.0

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Abstract

Pro/ENGINEER Wildfire 3.0 enables you to create complex assemblies using a top-down design process. In this course you will learn how to use Pro/ENGINEER Wildfire 3.0 to create and manage complex assemblies using top-down design techniques. In the top-down design process, you start an assembly design by creating a layout. The layout contains specifications and parameters that are used to control the entire assembly design. Then you create a preliminary assembly structure. This structure contains the components and their hierarchy within the assembly. Next, you use skeletons to define critical component dimensions and mounting locations, space requirements, and the motion between the assembly components. Finally, you create component geometry by referencing the skeletons and sharing design information within the assembly.

Modules

Module 1	Introduction
Module 2	Creating Design Frameworks
Module 3	Communicating Design Information
Module 4	Analyzing and Modifying Assembly Structures
Module 5	Managing Complex Parts
Module 6	Creating Simplified Representations
Module 7	Replacing and Substituting Components
Module 8	Modifying Simplified Representations
Module 9	Managing Complex Drawings
Module 10	Project