Cabling using Creo

Training Course Description

3 day course

Summary

In this course, you will learn how to create 3-D electrical harnesses using Creo Parametric. This includes using Creo Schematics to pass schematic diagram information into the 3-D harness designs created within Creo Parametric. You will learn how to route electrical harnesses both with and without schematic diagram information, create flattened harnesses for manufacturing, and document harness designs by creating flattened harness drawings that include customized BOM tables and wire list information.

A significant portion of the course is devoted to a cabling design project, during which you will create a full wiring harness with minimal *picks and clicks* to solidify techniques learned previously in the course. After successfully completing the course, you will be able to create 3-D electrical harnesses and associated manufacturing deliverables using Creo Parametric. Optionally, you may wish to attend the Introduction to Creo Schematics course. This will enable a full understanding of the schematic design process used to provide schematic data for the creation of electrical harness assemblies in Creo Parametric.

This course is intended for engineers involved in the 3-D routing and documenting of electrical wiring and cabling harnesses.

Software: Creo Cabling Extension

Course Agenda

- Understand the basic Creo Parametric cabling process
- Create harness assembly structures
- Set up for cabling
- Route wires and cables
- Modify wire routings
- Route and utilize networks
- Establish logical references
- Create harness components and cosmetics
- Create a flat harness
- Document harness designs
- Navigate through a comprehensive design project

Recommended prerequisites for this Creo Parametric Training Course

Introduction to Creo Parametric or equivalent Creo Parametric experience.

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