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TRAINING LOCATIONS

Synergis EduCast Virtual Online

Quakertown 18 South 5th Street Quakertown, PA 18951



Autodesk Inventor Cable and Harness Design

Course Description: This course covers the Autodesk Inventor Cable and Harness environment through a hands-on, practice-intensive curriculum. It teaches the skills needed to design physical cables and harnesses for electrical systems in almost any kind of product or machine, and will enable students to calculate accurate path lengths, avoid small-radius bends, and ensure that electrical components fit into the mechanical assembly before manufacturing.

Prerequisites: Completion of Autodesk Inventor Essentials Training or equivalent Inventor Experience

Knowledge of part modeling, assembly modeling, and drawing view creation is recommended but not required

Length: 2 days

Times: 8:30 AM - 4:30 PM

PDH Credit Hours: 13 hours

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Representative Topics

- Understand the cable and harness environment and basic workflows
- · Wire a harness assembly by adding or importing wires and cables, adding ribbon cables, adding route segments, and routing wires and cables through the segments
- Refine a cable and harness design by Create and annotate 2D drawings and editing the wires, cables, routes, or cable export the design data ribbons
- Create and manage the library file and Create, author, and publish electrical configuration files
 - parts and connectors to a custom Content Center Library

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants. Cancellation/Rescheduling Fee of 25% of the Daily Rate per Student will be assessed for anyone canceling or rescheduling a Synergis Training Class without at least 14 days notice. If applicable, the Cancellation or Rescheduling Fee will be invoiced to you automatically. Classes are confirmed based on the number of students registered and therefore cancellations and rescheduling of classes may affect other customers. Please be sure that you can attend the class dates for which you are registering when you submit your order.