

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 editing the wires, cables, routes, or cable export the design data ribbons
- Create and manage the library file and configuration files
- Create and annotate 2D drawings and parts and connectors to a custom Content Center Library