CADGROUP
ONLINE TRAINING

AUTODESK® INVENTOR
Cable & Harness

PREREQUISITES

For online training, students should have access to a machine with Inventor installed and activated. Having a dual monitor setup is highly recommended.

INCLUSIONS

1 day of Online Training and Tuition, Cadgroup Certificate of Completion, and a Inventor Cable and Harness Fundamentals eBook.

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AUTODESK
Platinum Partner

The Autodesk® Inventor Sheet Metal Design class instructs students on the use of the Inventor Cable and Harness environment. Through a hands-on; practice-intensive curriculum; students acquire the knowledge needed to model physical cables and harnesses for electrical systems in almost any kind of product or machine. With specific tools for cable and harness modelling; Autodesk® Inventor enables you to calculate accurate path lengths; avoid small-radius bends; and help ensure electrical components fit into the mechanical assembly before manufacturing.

COURSE OUTLINE

- The Autodesk® Inventor Cable and Harness Environment:
  Creating a cable and harness assembly; understanding the components of a cable and harness assembly.
- Create Cable Harness assemblies:
  Adding and editing wires and cables; routing wires and cables; importing wire and cable data.
- Refining Cable and Harness Models:
  Modifying wires; cables; segments and ribbon cables; working with splices; working with virtual parts.
- Cable and Harness Tools and Techniques:
  Understanding Library Definitions and Library files; creating and editing reports; imports; and exports configurations.
- Using and Creating Components:
  Defining electrical parts and connectors; creating and managing library content.
- Creating Drawings of Cable and Harness Models:
  Creating drawing views of Cable and Harness models; creating and annotating nailboards; exporting and reporting design data.