

Solid Works Solid Works Electrical 3D 3D Solutions Training Course Training Course

Course Duration: 1 day

Description: The goal of this course is to teach you how to use SolidWorks Electrical to optimize your drawings and designs for manufacturability so you can maximize quality, avoid rework and decrease time to market. This course is focused on 3D Design.

Lesson 1: Projects

SolidWorks Electrical Starting SolidWorks Electrical What are Projects? Creating a New Project **Project Overview** Locations Zooming and Scrolling

Lesson 2: Single Line Diagrams

What is a Single Line Diagram? Existing and Archived Projects Line Diagram Symbols Adding Cables **Drawing Tools**

Lesson 3: Cabling

What is Detailed Cabling? Cables **Detailed Cabling** Adding Manufacturer Parts Terminal Strip Pin to Pin Connections Copy and Paste

Lesson 4: Creating Schematics

What is a Schematic? Draw Multiple Wires Schematic Symbols Symbol Properties Creating New Symbols

Lesson 5: Cross Referencing the Single Line Diagram

Adding Cross References to the Single Line Diagram Cross Referencing Drawings **Inserting Multiple Terminals Location Outlines**

Lesson 6: Control Drawings

What are Control Drawings? Stages in the Process **Drawing Single Wires** The Cross Reference List **Using Functions** Inserting Single Terminals **Function Outlines** Updating the Catalog

Lesson 7: Managing Origin-Destination Arrows

What are Origin-Destination Arrows? Replacing Wires Origin-Destination Arrows

Lesson 8: Programmable Logic Controllers

What is a PLC? Stages in the Process Adding a New Scheme Adding a PLC Mark Inserting a PLC Editing a PLC

Lesson 9: Macros

What are Macros? Creating and Adding Macros

Lesson 10: Editing the PLC Drawing

Stages in the Process Associate Cable Cores Adding a Part Manually Assigning a Part Wire Style Manager Numbering Wires Assigning Parts to Other Objects

Lesson 11: Reports

What are Reports? Report Manager **Drawing Terminal Strips**



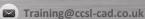












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