



Transferring Technology...

SOLIDWORKS Routing

COURSE

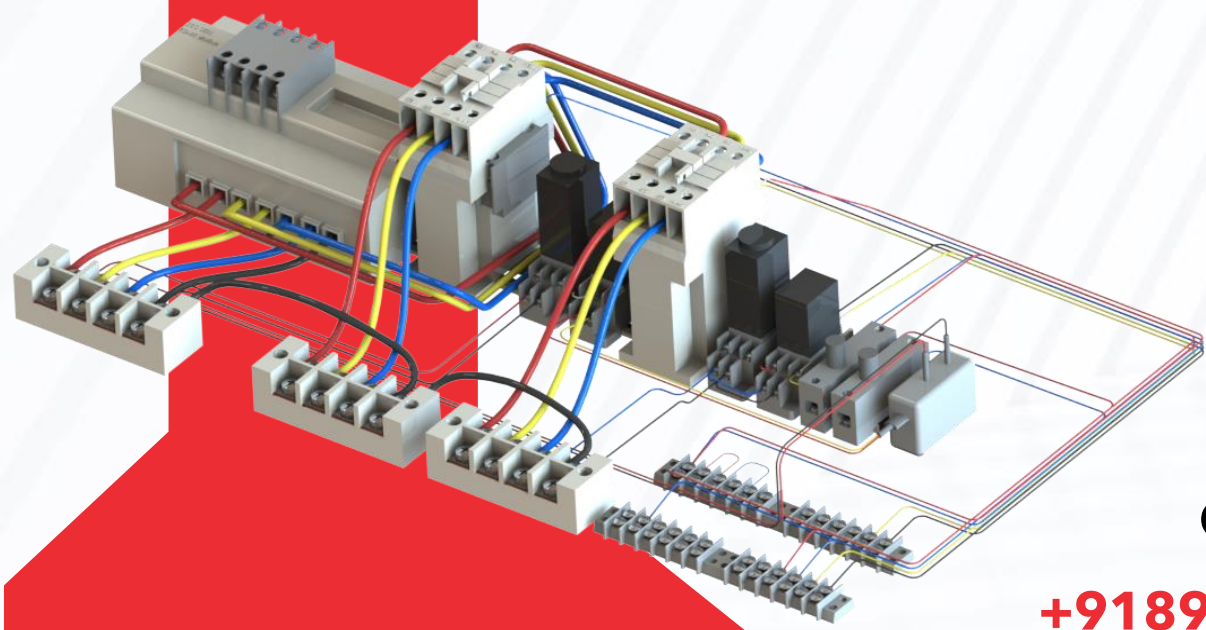
CERTIFIED
Training & Support
Provider

 **SOLIDWORKS**



Contact us:

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COURSE DESCRIPTION : SolidWorks Routing

COURSE DURATION : 30 hrs.

SYLLABUS

Module 1: Fundamentals of routing

- What is Routing?
- Routing setup
- Routing Library Manager

Module 2: Basic electrical routing

- Adding routing components
- Start by drag and drop connector.
- Auto Route

Module 3: Electrical routing components

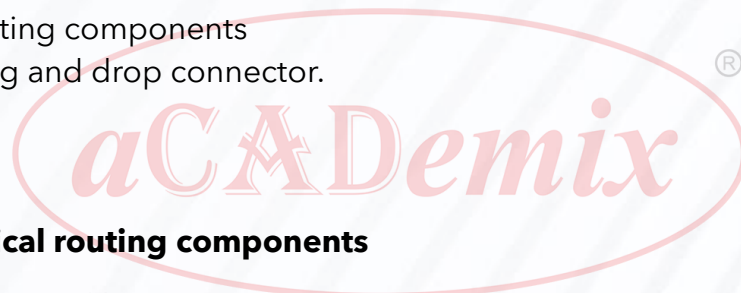
- Electrical routing library parts
- Routing component wizard
- Creating routing components
- Creating and using electrical clips

Module 4: Electrical Data import

- Importing Data
- Routing Library Manager
- From / To lists
- Route properties
- Route Guidelines
- Using Guidelines and clips
- Creating libraries and from / To lists

Module 5: Electrical Conduits

- Importing Data
- Rigid Conduit
- Orthogonal Routing with Auto Rotate
- Electrical Data in Conduits
- Manual Sketch Routing



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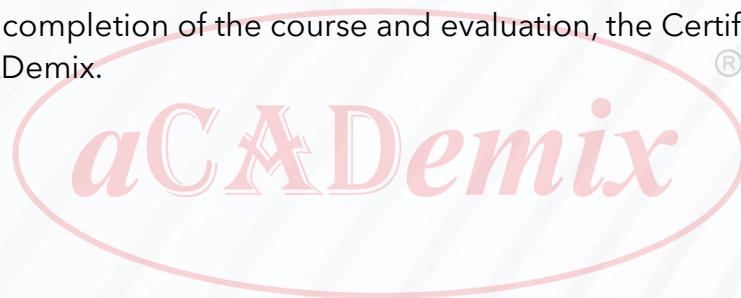
- Flexible Electrical Conduit

Module 6: Cable Tray Routing

- Adding/importing of cable trays /(Spec.)
- Creating cable tray parts to library
- Making Cable Tray routes
- BOQ (Bill of Quantities)
- Drawings 2D/ISO
- Export of X, Y and Z Coordinates the sizes/type of cable trays used as well.
- Exercises on Cable Tray routing

Certificate:

On successful completion of the course and evaluation, the Certificate will be issued by aCADemix.



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OTHER COURSES

SolidWorks 3D CAD

- SolidWorks-Basics
- SolidWorks-Advanced
- SolidWorks- Mold Design
- SolidWorks- Piping & Tubing
- SolidWorks-Composer
- SolidWorks-MBD

SolidWorks Simulation

- SW Simulation-Advanced
- SW Simulation-Fatigue FEA
- SW Simulation-Drop Test FEA
- SW Simulation-Dynamic FEA
- SolidWorks Motion
- SolidWorks Plastics

SolidWorks Flow Simulation

- SolidWorks Flow Simulation

Design For Quality (DFQ)

- GD&T-Introduction
- GD&T-Advanced
- Tolerance Stack-Up Analysis
- DFMEA

SolidWorks Automation

- SolidWorks API - Basics
- SolidWorks API - Advanced

SolidWorks PDM

- SolidWorks PDM- User
- SolidWorks PDM - Admin

SolidWorks PDM Automation

- SolidWorks PDM- Automation

Abaqus CAE

- Abaqus CAE - Linear Static Analysis