# cadmicro solidworks

## ENABLING INNOVATION CHALLENGE THE STATUS QUO



## SOLIDWORKS ELECTRICAL: 3D

PREREQUISITES	LENGTH	DESCRIPTION
<ul> <li>Basic knowledge of SOLIDWORKS. Experience with the Windows Operating System.</li> </ul>	I Day	<ul> <li>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.</li> </ul>
► ASSEMBLY CREATION		► INSERT COMPONENTS
<ul> <li>What are Assemblies?</li> <li>Unarchiving a Project</li> <li>The Electrical Project Documents</li> </ul>		<ul> <li>Insert Components</li> </ul>
		<ul> <li>Align Components</li> </ul>
		<ul> <li>Inserting Terminals</li> </ul>
<ul> <li>SOLIDWORKS Assembly</li> </ul>		<ul> <li>Exercise 4: Insert Components</li> </ul>
<ul> <li>Opening a SOLIDWORKS File from the Browser</li> </ul>		
<ul> <li>Exercise I: Assembly Creation</li> </ul>		► ROUTING WIRES
		Routing Wires
► CABINETS, DUCTS, RAILS		<ul> <li>Routing Path</li> </ul>
<ul> <li>Cabinets, Ducts, Rails</li> </ul>		<ul> <li>3DSketch Route</li> </ul>
<ul> <li>Inserting Components</li> </ul>		<ul> <li>Routing Parameters</li> </ul>
<ul> <li>Inserting Ducts and Rails</li> </ul>		<ul> <li>Wire Segregation</li> </ul>

Exercise 2: Cabinets

### ► COMPONENT INTELLIGENCE

- What is a component?
- Component Intelligence
- The Electrical Component Wizard
- Create Mate Reference
- Create Connection Points
- Creating Cable Connection Points
- Exercise 3: Component Intelligence

Exercise 5: Routing Wires

### ► ROUTING CABLES

- Routing Cables
- Creating Cable Connection Points
- Set Origin Destination of Cables by Location

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Exercise 6: Routing Cables

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