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## Training Course Details

**Title:** Solid Edge Advanced Assemblies

**Course Objectives:** Students will have learned how to apply all of the relationships used to construct assembly models. They will have learned how to assemble and edit parts that already exist, and how to create new parts within an assembly; how to create exploded views, cutaway views, simplified views, and custom views; how to manage very large assemblies; how to verify assembly integrity; how to model motion with Simply Motion; how to create families of assemblies; how to model tubing with XpressRoute; and how to work with weldments.

**Who Should Attend?** Users who design assemblies or have the need to work with assemblies in product design workflows.

**Agenda overview:** *Assembly methods and relationships*  
*Additional relationships*  
*Editing assemblies*  
*Display tools*  
*Explode and cutaway views*  
*Managing assemblies*  
*Designing in the Assembly*  
*Design Verification*  
*Rendering assemblies*  
*XpresRoute*  
*Alternate assemblies*

**Duration:** 3 days

**Software Version** Solid Edge ST

**Prerequisites:** Completed the Solid Edge Fundamentals class  
Or, completed the solid modeling tutorials that are delivered with the product  
Or, at least 1 month modeling experience with Solid Edge  
Mechanical design experience  
Windows experience

**Deliverables:** Full Course Guide  
CAD Data sets  
Course Certificate

**Further Recommended Training:** Solid Edge Surfacing  
Solid Edge Sheet Metal