



TEAM Engineering Ltd
Technical Centre
Aspen House
Washingley Road
Huntingdon
Cambridgeshire
PE29 6SR
Tel: 08456 442882
Fax: 08700 117759

TEAM Engineering Ltd
Sales and Admin Office
146 Shottskirk Road
Shotts
Lanarkshire
ML7 4ER

Tel: 08456 442882
Fax: 08700 117759



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: 1 day

Software Version Solid Edge ST3

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