



Farnborough College  
of Technology

# Business Services



REGIONAL RESOURCE CENTRE  
AEROSPACE & SPACE

## SolidWorks Intermediate

**Duration:** 2 Days

### Who is the training course for?

Engineers and designers who have design experience and basic 3D modelling knowledge using SolidWorks, but wish to improve their Solidworks skills.

### What does the training course cover?

SolidWorks Intermediate Part/Assembly Modeling teaches delegates how to use multi-body solids, sweeping and lofting features, and the more advanced shaping capabilities.

#### Section 1: Multi-body Solids

- Multi-body & Solids
- Extrude From & Local Operations
- Combined & Common Bodies
- Tool Body & Symmetry
- Save Solid Bodies - Assemblies
- Splitting a Part into Multi-bodies

#### Section 2: Sweeps

- Sweeping along a 3D Path
- 3D Sketching & Creating a Curve
- Working with a Non-Planar Path

- Variable Radius Filleting
- Selecting Edges
- Modeling Threads & Using Twist

#### Section 3: Lofts & splines

- Using Derived and Copied Sketches
- Centre-line Lofting & Spline Sketching
- Advanced Lofting & Sketch Picture

#### Section 4: Other advanced tools

- Advanced Fillets & Wrap Feature
- Deform Feature
- Move Face and Delete Face

### How is the training course delivered?

At Farnborough College of Technology with delegates from aerospace/marine sectors – maximum class size is 6 (1 delegate per PC). If 4 places are booked, training course can be delivered on company premises at no extra charge.

### What are the costs and benefits?

**Cost:** £250 pp, but ***this course is free for aerospace SMEs in the South East.***

**Benefits:** Elevated productivity due to designers being able to produce sketches / drawings more competently, quickly and with fewer errors using Solidworks.

**For more information or to book a place please contact our  
Employer Hotline on 01252 407299 or email us at [business@farn-ct.ac.uk](mailto:business@farn-ct.ac.uk)**



This program has been co-financed by SEEDA and by the European Union through the European Social Fund – helping develop employment by promoting employability, the business spirit and equal opportunities, and investing in human resources.