



Farnborough College
of Technology

Business Services



REGIONAL RESOURCE CENTRE
AEROSPACE & SPACE

SolidWorks Intermediate

Duration: 3 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 Filletting
- 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 or Southampton 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 on this course and funding available, or to book a place, please contact the FAC office on 01252 375600 / events@fac.org.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.