



Farnborough College
of Technology

Business Services



REGIONAL RESOURCE CENTRE
AEROSPACE & SPACE

SolidWorks Essentials

Duration: 3 Days

Who is the training course for?

Designers wanting a solid grounding in Solidworks CAD software. Experience of mechanical design and the Windows™ operating system is necessary.

What does the training course cover?

How to use the SolidWorks mechanical design automation software to build parametric models of parts and assemblies, and how to make drawings of those parts and assemblies. The second part of the course teaches you how to make drawings of SolidWorks parts and assemblies.

Section 1: Introduction

- What is the SolidWorks Software?
- Design Intent
- File References
- Opening Files
- The SolidWorks User Interface

Section 2: Introduction to Sketching

- 2D Sketching
- Stages in the Process
- Saving Files
- What to Sketch?
- Sketching / Sketch Entities
- Basic Sketching
- Rules That Govern Sketches
- Design Intent / Sketch Relations

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: £150 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**



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