

## Training Services from SOLID Applications Ltd. Solid Edge® Surfacing

### Training fact sheet

www.solidapps.co.uk

- ▶ For designers of more “stylistic” shapes, Solid Edge’s revolutionary Rapid Blue surfacing technology overcomes the limitations of existing CAD systems and provides a new level of design control and flexibility for designers, engineers and industrial designers, while remaining easy to use and sympathetic to the creative process.

**Course:** Surfacing  
**Code:** SA-TR2  
**Duration:** 2 Days  
**Cost:** £675 + VAT  
**Venues:** Oldbury

#### Benefits

Learn to create aesthetically shaped models in less time.

Gain skills that add value to your business.

Learn from the experts, with someone on hand to help.

Keep up-to-date with Solid Edge and surfacing best practices.

Increase your Solid Edge knowledge to boost your efficiency.

Opportunity to identify and solve specific problems.

Includes extensive courseware.

#### Course Overview

This 2-day course covers using Solid Edge modelling functions to build free form surfaces. Free form surfaces are those that cannot be constructed using standard solid modelling features. This includes creating B-Spline curves and other developed curves, building surfaces through one or more sets of curves, sweeping profiles along guides, and applying surface transition between faces. This culminates in the creation of solid models from surface models, building on the knowledge gained in the course.

The surfacing course has a completely hands-on approach with each delegate at his or her own Workstation. A Solid Edge Training Associate (SETA) certified trainer guides the delegate through a series of exercises over the two days.

#### Course Content

##### Day 1

- Introduction to Surface Modeling
- Surface Modeling Overview
- Surface Modeling Workflow
- Overview of splines
- Creating and editing curves
- Creating and editing BlueDots®

##### Day 2

- Creation of simple analytical surfaces
- Advanced BlueSurf® feature
- Surface manipulation tools
- Stitching surfaces
- Rounding / Blending
- Surface-to-solids workflow
- Mould tooling inspection tools
- Surface inspection tools



#### Course pre-requisites

- Completed the Solid Edge Fundamentals class and at least 1 month modelling experience with Solid Edge.
- Use of Windows and an understanding of Windows file naming conventions.

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