SOLID EDGE

SURFACING

Course code TR01418

Duration 2 days

The Solid Edge Surfacing class covers using Solid Edge modeling functions to build free form surfaces. Free form surfaces are those that cannot be constructed using standard solid modeling features. This includes creating bspline curves and other developed curves, building surfaces through one or more sets of curves, sweeping profiles along guides, and applying surface transition between faces. Learn the workflows and modeling tools that make you more productive in creating surface models. The instructor will introduce areas of focus for each modeling workflow and then reinforce this topic with well-designed lab exercises.

Students will have improved their overall Solid Edge surface modeling skills. They will have learned the finer points of curve creation, learned to create simple and complex surfaces, learned to edit curves to produce a desired surface and learned to combine and manipulate surfaces to build a surface model. Overall, the student will be able show an increase in productivity by more efficient use of Solid Edge thus reducing the design cycle time.

WHO SHOULD ATTEND

This course is intended for:

- Users who want to learn about the Solid Edge surface modeling tools

USER LEVEL

Intermediate

PREREQUISITES

- Solid Edge Fundamentals course
- Basic understanding of parametric modeling
- Basic understanding of profile/sketch construction

PRIMARY COURSE TOPICS

- Introduction to surface modeling
- Creating and editing curves

- Surface creation methods
- Surface manipulation methods

PROVIDED COURSE MATERIALS

- Student Guide
- Workbook

REQUIRED LICENSES