Autodesk Alias A-class Surfacing

€ 900
+ IVA

PROFESSOR: Steven Cobert
DATE: Contact us for more info
DURATION: : 12 hours

This course is recommended to students who have already completed the Autodesk Alias Foundation Course. The objective of this course is to prepare students for a career in A-class surfacing using Autodesk's Alias software. Students will have access to a detailed scan of a Porsche Panamera exterior. They will learn how to surface areas of the vehicle to an industry compliant A-class standard.

PMFACTORY
YOUR PRODUCT MANAGEMENT PARTNER

Contents

Session 1: Working with scan data
- Surfacing to scan data
- Scan data tools
- Cutting sections
- Building surfaces to scan
- Analysing the fit to data
- Analysing surface quality
- Exercise: Building the roof

Session 2: Review of student roof models
- Suggestions for improvements

Session 3: Final review of roof models

Session 4: Exercise: Surfacing the bonnet

Session 5: Review of student bonnet models
- Suggestions for improvements

Session 6: Final review of bonnets
- Suggestions for further work

What the course offers

- Students will have access to a detailed scan of a Porsche Panamera exterior. They will learn how to surface areas of the vehicle to an industry compliant A-class standard.

- Thanks to the Moodle platform it is possible to view the teaching material at any time, check the planning of activities, respond to online tests, ask questions and collect clarifications by relating to the other participants and the professor.

- At the end of the 12-hours course, a certificate of participation in the training will be issued.

About the Professor

My personal mission is to deliver the **highest quality surfaces** to customers, on-time and on-cost as well as training and mentoring others to achieve the same.

Within Geodigm I have trained over 200 users in **Ford, Bentley, Land-Rover, Bertrandt & others**. Geodigm managed and delivered the A class surfaces for the exterior of the Ford GT Mk 1 to a strict 3 month deadline. I have personally trained, mentored and managed multiple teams of new users for **Jaguar Land Rover and Lotus,** created A class and concept surface complete exterior models for many prototype and low-volume / bespoke vehicles, including the Modec Electric van. I have also worked on **Autodesk Alias & ICEM Surf concept** and A class surface models across many Automotive companies & Design houses, encompassing every aspect of exteriors & interiors as well as work in aircraft interiors, boats and industrial design products.

I have been passionate about surface modelling throughout my career; from 1984 when I joined BAe as an Aerodynamic Research Engineer where I developed a polygonal modelling system for aircraft configurations, through 1988 at Rover Group where I investigated CADDS NURBS, and trained others in their use. Then as the ICEM Surf Support Engineer for Topologies, finally forming Geodigm in 1999 to continue providing industry with ICEM Surf & Autodesk Alias expertise & training in A Class Surfacing, Concept Modelling & Reverse Engineering.

I conceived of and **developed SURF+,** a software app for ICEM Surf, delivering up to 30% productivity benefits to the user. This was presented at the Dassault Systèmes User Conference in Hanau, 2018. In 2020 I provided at-elbow Alias A-class support for **Kia** in South Korea for several months.

Contact details

academy@pmfactory.it

+39 051 406206

https://www.pmfactory.it/it/contactus.html

PMFACTORY
YOUR PRODUCT MANAGEMENT PARTNER