

# CPD



## **SURFACE MODELLING** **for ADVANCED HIGHER GRAPHICS**

Aimed specifically at teachers who are already proficient at using Autodesk Inventor and are interested in advanced work.

**Date :** By Arrangement

**Time :** 9.30 – 3.30pm

**Venue :** Your Premises

**Numbers :** Classroom Capacity

**Cost :** £625 + travel



Advanced Higher Graphic Communication requires a sound understanding of Surface Modelling and the use of a range of specific modelling approaches.

As well as introducing a range of surface modelling tools and techniques, this course will deal specifically with how to tick all the boxes when it comes to ensuring all of the required modelling techniques have been covered and to an appropriate level of detail.

The cost includes teaching material used in the delivery of the course on the day which can be used for future learning and teaching in the centre. All courses are recorded live and provided in the form of video tutorial material to participants.

Following a tried and tested workflow, the course will not only introduce you to the concepts in a sensitive manner but it will at the same time demonstrate a teaching strategy which will transfer well to the classroom.

Our course Tutors have decades of experience in delivering high quality inservice in a wide range of ICT disciplines both within and outwith Design & Technology.

Participants can be assured of feeling they made the best use of their valuable CPD time during the course and also in the vital weeks afterwards, when they are able to play back the day's sessions while consolidating their learning.

For an initial enquiry, contact –

[Kim@3DMadeEasy.com](mailto:Kim@3DMadeEasy.com)



**3Dmadeeasy.com**

a complete learning and teaching system for 3D modelling

“ I would recommend Eddie to any educators seeking to develop their teaching methodology with the confidence that they will receive instruction from a highly professional individual with a depth and breadth of technical and educational expertise.”

**Stephen Stott,**  
**Education Program Manager**  
**Autodesk Inc.,**  
**Europe, Middle East & Africa**

“ You delivered the best inset experience I have ever received in twenty five years of teaching. Your video tutorials are superb, thanks. We will definitely be subscribing to your website.”

**Steve Mylchreest,**  
**Head of Design & Tech.**  
**Perth Academy**

## **COURSE CONTENT**

### **Understanding Surfaces**

*introduction, simple mouse exercise*

### **Solid-Surface Hybrid Modelling**

*using surfaces to modify solids*

### **Lofting Surfaces**

*does the process of lofting alter with a surface ?*

### **The Sculpt Tool**

*extrude in two directions simultaneously*

### **Blends and Patches**

*complex and corner blends, smoothing patches*

### **Setting Up Lighting Themes**

*what's required to properly light your scene*

### **Specific AHGC Requirements**

*checklist and exemplification of what's needed*

### **A look at resources 'out there'**