ARCHICAD Productivity Workshop Series 2

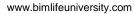## 1- Day BIM Modeling Course

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BIMLIFE UNIVERSITY

Why Train?

Training is vital for the effective use of any software. Properly trained users will have increased productivity and will gain greater confidence with the software. It is a worthwhile investment to train new users to overcome their initial hesitancy and existing users to increase their depth of knowledge.

Who is it for?

Our Productivity series of courses has been designed by experts for anyone with knowledge of ARCHICAD but who wishes to increase their depth of understanding of all the tools and facilities in ARCHICAD.

Training Objectives

These courses are designed to help attendees develop an in depth knowledge of specific areas of BIM and ARCHICAD. They will assist an organisation to get the maximum possible benefits from their use of ARCHICAD.

Course Duration

1 day, 9:30am – 4:30pm

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Course Outline

<u>Advanced Modelling Tools and Documentation (half day)</u>

This course is to enable users who have an understanding of ARCHICAD to improve their productivity in some of the more advanced tools in ARCHICAD. The course will also cover getting the most out of sections and elevations and adding detail that will lead on to visualisation work.

Advanced Modelling Tools - The course will look in detail at the Morph Tool, Shell Tool, Curtain Wall Tool and Solid Element Operations and how they can be used most effectively to create some of the more complex geometry often required in projects today. The creation of Custom panels is another way of tailoring standard elements in ARCHICAD to better represent one off requirements.

Documentation - Ways of controlling Sections and Elevations to achieve the detail and particular styles of output will also be examined. The importance of controlling Views effectively to ensure that the flow through to layouts and finally publishing is achieved with minimal fuss and effort.
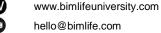
Revision Management - How to manage changes, revisions and Issues. Creating issue sheets to give the information you require.

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Visualisations, Cinema 4D and BIMx (half day)

Visualisations - Users need to be able to produce these quickly and easily, as a by-product of the Building Information Model. Techniques for achieving this will be explored and attendees will learn how to avoid spending unproductive hours in creating visualisations.

Cinema 4D - Techniques for ensuring render times are controlled. Looking at the settings in Cinema 4D, how to use the presets effectively. Creation of surfaces and custom textures, including bump, caustic and colour. Global illumination, lighting and lamp settings including lens flares and caustics. The importance of understanding effective use of Environment, background images and HDRI scenes. Interesting effects including white model and sketch renders.

BIMx - Producing BIMx files for use at every stage of projects. Understanding the Hypermodel concept. Effective use of BIMx Docs, linking of 2D documentation. Navigation in BIMx. Understanding the BIMx Licensing model.

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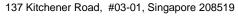
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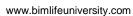
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