

## Overview

### Course Objective

This custom course is intended to introduce existing AutoCAD users to the Timber Frame module of the Construction Designer Modules for the creation of 3D models and schedules within the AutoCAD environment.

### Duration

3 Day's

### Who Should Attend

Experienced AutoCAD users who have experience of AutoCAD and/or attended the AutoCAD 2008/9 Foundation and Advanced courses. Delegates should ideally have consolidated their basic AutoCAD skills with approximately 2 months regular use.

### Pre-Requisites

Experienced AutoCAD user and/or completion of "AutoCAD 2008/9 Foundation" and "AutoCAD 2008/9 Advanced" courses.

### Course Content

*Varies according to customer requirements but may include the following topics:*

#### Getting started

- *Hardware specifications*
- *Recommended pc system requirements*
- *Installation procedure*
- *Layer setup dialogue box*

#### Setting up

- *Setting system defaults*
- *Multi-user access*
- *Setting up levels*
- *Building defaults*
- *Settings*
- *Junctions*
- *Material setup*
- *Layer grouping / Layer colours*

## Overview

### Frames

- *Drawing procedure*
- *Drawing frames*
- *Openings / Combination openings / Opening schedules*
- *Panel pockets*
- *Inserting flue vents*
- *Multiple studs*
- *Additional timbers*
- *Lifting holes*
- *Service symbols*
- *Plates and binders*

### Editing

- *Editing Materials*
- *Edit wall frames*
- *Editing openings*

### Stairs

- *User defined stairs*

### Manual Production

- *Panels / Sheathing*
- *Openings*

### Gable frames

- *Gable frame*
- *Roof planes*

### Data Extraction

- *Scheduling*
- *Manufacturing drawings*
- *Tables*
- *Frame tables*
- *Barcode table*
- *Insert stacking order drawings*
- *Create label sheets*

## Overview

### Guidelines

- *Floor perimeter guidelines*
- *Floor opening guidelines*
- *Additional timber guideline*
- *Edit guideline*

### Generating floor cassettes

- *Floor openings*
- *Additional timbers to floor*
- *Remove components from floor*

### Editing floor cassettes

- *Copy floor cassettes*
- *Move floor cassettes*
- *Mirror cassette*
- *Delete floor cassette*
- *Edit material*
- *Split lines*
- *Merge floor cassettes*

### Inserts

- *Service ducts*
- *Notches/holes*
- *Joist hangers*
- *Anchor straps*
- *Steelwork*
- *Squash blocks*
- *Floor decking*
- *Legend table*
- *Cassette labels*
- *Cassette by cassette*

### Elevations

- *Floor elevations*
- *Joist elevations*
- *Plot elevations*

### Certificate

At the end of the course, following satisfactory completion of the above, you will be presented with a certificate.

### Related Courses

Timber Frame Technology  
AutoCAD Foundation / AutoCAD Advanced