

2D Basic to Intermediate course

CORRESPONDENCE – DISTANCE LEARNING

Draughting in Bricscad

Course Duration: 6 Months

Time: Self-Study on your own time

The Bricscad™ Correspondence course will enable students to create a basic 2D drawing. Even at this fundamental level, Bricscad™ is one of the most sophisticated computer applications that you are likely to encounter. Part 1 covers the indispensable core topics for working with Bricscad™. The teaching strategy is to start with a few basic tools that allow the student to create and edit a simple drawing. Part 2 continues with more sophisticated techniques that extend your mastery of the program.

LEARNING OUTCOMES OF THIS COURSE

- Understanding the Bricscad™ workspace and user interface
- Draft basic drawings, objects and layers
- Organising drawing objects on layers
- Inserting reusable symbols (blocks)
- Prepare layouts and plots
- Add text, hatching and dimensions
- Using more advanced editing and construction techniques
- Creating local and global blocks
- Set up layers, styles and templates

Prerequisites:

- A working knowledge of basic design/drafting procedures and terminology
- A working knowledge of Windows / Word Processor.

2D Basic to Intermediate course

Includes:

Bricscad™ Textbook - 2D Manual

Bricscad™ Workbook

Bricscad™ Study Schedule / Assignments

Bricscad™ Interactive CD

Bricscad™ Academic Bricscad Software CD

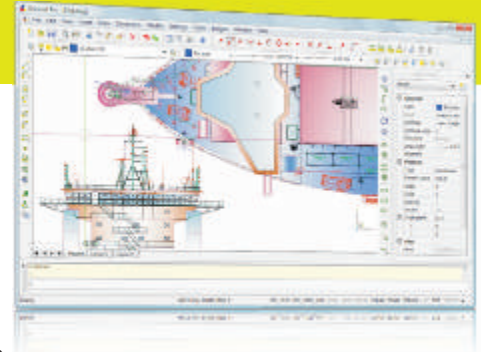
A5 Notepad & Pen

NB: Certificate to be issued on completion of course.

Course Outline

Introduction & Installation

- Using CAD Commands
- Compare Bricscad to manual draughting
- Drawing to scale
- Organizing Information
- Drawing efficiently
- Online Help
- Installation



Bricscad Interface

- Understanding the Interface
- Customising the interface

Drawing in Bricscad

- Absolute Rules
- Drawing a line
- Using the Zoom Commands
- Using the Object Snaps

Editing Methods

- Copy objects
- Move objects
- Fillets and Chamfers
- Trim and Extend
- Scale
- Stretching / Lengthening

Layers

- Organising Objects with Layers
- Creating Layers
- Linetype Scales

Dimensions

- Dimension Toolbar
- Linear dimensions
- Aligned dimensions
- Ordinate dimensions
- Radius dimensions
- Diameter dimensions
- Angular dimensions

Text & Hatching

- Creating Text
- Editing Text
- Creating Hatches
- Editing Hatches

Blocks

- Creating Blocks
- Creating and Placing Symbols
- Placing Blocks at measured Intervals
- Exploding Objects

Layouts & Plots

- Templates
- Plotting drawings
- Model and Layout/Paper Space
- Setting up viewports
- Setting up Titleblocks

