

MODULE: CAD I

Griffith College Dublin – Design in Interior Architecture

Year-long module (Fall & Spring)

This module is open to YEAR ABROAD STUDENTS ONLY.

Module Aims

This module aims to enable the student to develop skill in the use of CAD software.

Indicative Module Content

- **CAD Structure**
Files and extensions, drawing and editing commands including line, polyline, move, rotate, copy, stretch
- **Style**
Text, dimensions, linetype scale, layer styles, hatch
- **Page Setup**
Page layout, printer set-up, title block and border, plotting hard copies
- **File Sharing**
Blocks, wblocks, xref management, file formats
- **Drafting Conventions**
Drafting, layouts, text height, text bocks, dimension style and height, lineweights, hatch size.
- **3D Modelling**
Working in 3D space, defining world co-ordinate and user co-ordinate systems; orientation of the current UCS; changing the position and orientation of UCS, building objects with 3D solids, editing 3D solids, inserting cameras to create 3d views of model, 3D surface modelling.
- **Incorporating CAD drawings in Photoshop**
Enhancing CAD drawings in Photoshop
Rendering plans, sections, elevations in Photoshop