



This module is suitable for second-level and third-level students commencing study in fields related to the architectural, engineering, and construction sectors, who wish to certify their 2D CAD skills to an independent international standard. It is also suited to those who may already work in these sectors in a non-technical capacity and who wish to acquire or certify 2D CAD skills.

On completion of this module the candidate will be able to:

- Use a two-dimensional design application to create and save drawings, import and export drawings.
- Use layers and levels.
- Create objects and elements; use selection tools; manipulate objects and elements.
- Use inquiry commands, for example, to measure distances, angles, areas.
- Set and modify properties; create and modify text and dimensions.
- Use blocks and cells; create, edit, and use objects from a cell library; embed or link to objects using OLE.
- Prepare outputs for printing or plotting.

WHAT ARE THE BENEFITS OF THIS MODULE?

- Provides a comprehensive introduction to core 2D CAD skills.
- Can be applied to a range of 2D CAD software from professional packages to ‘freeware’.
- Certifies best practice in 2D CAD software use.
- Provides a strong level of knowledge that enhances non-technical staff awareness of the fundamentals of 2D CAD.
- Developed with input from computer users, subject matter experts and practising computer professionals from all over the world. This process ensures the relevance and range of module content.

HOW DO I GET STARTED?

To find out more about this module and to locate your nearest accredited test centre, please visit icdl.org/programmes.

SYLLABUS OUTLINE

CATEGORY	SKILL SET
Getting Started	<ul style="list-style-type: none"> • First Steps • Navigating • Using Layers/Levels • Drawing Exchange
Main Operations	<ul style="list-style-type: none"> • Create Objects/Elements • Selection Tools • Manipulate Objects /Elements • Using Inquiry Commands • Properties • Annotation (text and dimensions)
Advanced Features	<ul style="list-style-type: none"> • Using Blocks/Cells • Using OLE
Outputs	<ul style="list-style-type: none"> • Plot/Print Options

