

Module/Subject Title: **CAD I**

Course Code: BAIDO-1-1-09

Pre-requisite Subjects:	Co-requisite Subjects:
Architectural Drawing II	
Computer Studies	

Subject Aims:

- Achieve a very good standard of 2D computer-aided design. This is essential in order to scaffold later CAD modules
- Support the course and stage learning outcomes specifically with reference to the Project Work Technology and Drawing modules

Indicative Subject Content:

Introduction to AutoCAD

Hardware requirements. Screen menus, AutoCAD commands, drawing commands, to include line, circle, ellipse, sketch, snaps & grids, dialogue boxes and radio buttons, Creating a drawing in AutoCAD. Saving drawings to specific folders and sub-folders.

AutoCAD Structure

files, and extensions, editing commands, including move, copy, stretch, trim, hatching & hatch patterns, co-ordinate entry, UCS and WCS modes, object snap mode.

Style

Text, dtext commands, array. polar & rectangular commands, construct and modify pull -down menus, prototype drawings, display commands, transparent commands, polylines, P-edit, SP line commands, layers, drawing, management.