Module 11 Architectural Drafting

Module	Architectural Drafting
Course code	BAIDO-AD
Credits	5
Important notes	Available for semester abroad students
Allocation of marks	100% Continuous assessment

Module aims and objectives

The aim of the module is to enable the learner to develop skill in the use of architectural drawing as a means of communicating design ideas. B The objectives are to introduce principles of a series of architectural drawings using pencil and ink.

Minimum intended module learning outcomes

On successful completion of this module, the learner will be able to:

1.   Communicate interiors' projects in a series two-dimensional drawings using pencil and ink

2.   Understand the principles of a series of architectural drawings: plans, elevations, sections and details at an appropriate level.

3.   Display a graphic layout that supports the correct intent of relevant documentation.

4.   Demonstrate an aptitude in axonometric drawing at appropriate level.

5.   Demonstrate an aptitude in scaled perspective drawing at 1 and 2 points.

6.   Communicate concept through the medium of two-dimensional Architectural drawing denoting materials, finishes and textures.

7.   Communicate written script by hand in a neat and legible way.

Module content, organisation and structure

CLASS PLAN/ MODULE CURRICULUM		
Semester 1 / Week no	**Topic No**	**Topic Name**
1.1	1	Introduction to Module and Assignments Introduction to drawing equipment
1.2	2	Basic Freehand Architectural drawing
1.3	3	The survey: taking survey measurements and preparing survey drawings

1.4	4	The survey: taking survey measurements and preparing survey drawings
1.5	5	Basic Assisted Architectural drawing
1.6	6	Basic Architectural presentation
1.7	7	Architectural drawing techniques presenting three-dimensional concepts
1.8	7	Architectural drawing techniques presenting three-dimensional concepts
1.9	8	Architectural drawing techniques presenting An Interior
1.10	8	Architectural drawing techniques presenting An Interior
1.11	9	Visual presentation of Architectural design and Written presentation of Architectural design
1.12	n/a	Review

Work-based learning and practice-placement

There is no work based learning or practical placement involved in the module.

Module physical resource requirements

Requirements are for a fully equipped PC lab and a large open studio with spacious studio desk, chairs and pin board for 60 learners. The PC lab is equipped with software to include adobe, Microsoft office, Photoshop, InDesign, Autodesk, Sketch Up and Revit, and an overhead projector. The PC lab is available to learners outside of contact teaching hours, to facilitate group assignment tasks and supports peer to peer learning.

Reading lists and other information resources

Recommended Reading:

- Ching, F. D.K.. 2015. Architectural graphics. 6th Edition, John Wiley and Sons Inc.: New York

- Uddin, M. S. 1997. Axonometric and oblique drawing: a 3-D construction, rendering and design guide. McGraw-Hill

Module Assessment Strategy

The assessment is based on Continuous Assessment (100%). The assignments constitute the overall grade achieved, and are based on each individual learner's work. The continuous assessments provide for ongoing feedback to the learner and relates to the module curriculum. In-class projects will be specific as learning exercises and give learners the opportunity to learn via experimentation.

The module draws upon both theory and practical research where the emphasis is on Pencil on Cartridge paper and Ink on tracing paper. The module is assessed through the submission of an assignment (60%) and Notebook (40%). The breadth and depth of research and analysis undertaken is expected to be appropriate to the module.