

Liverpool John Moores University

Title: ARCHITECTURAL GRAPHICS 1
Status: Definitive
Code: **4213BEUG** (122805)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Civil Engineering and Built Environment

Team	Leader
Mohammed Qabshoqa	Y
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 60
Total Learning Hours: 200 **Private Study:** 140

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	12
Workshop	48

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Portfolio of architectural drawings	80	
Presentation	AS2	Interim presentation	20	

Aims

To develop knowledge and understanding of the role and responsibilities of the architectural technologist

To develop knowledge and understanding of the range of drawings prepared by an architectural technologist

To develop fundamental skills in the preparation of architectural drawings

Learning Outcomes

After completing the module the student should be able to:

- 1 Understand the range and purpose of different architectural drawings for building projects.
- 2 Develop a residential design according to a given brief and produce architectural drawings using manual draughting techniques.
- 3 Present and discuss architectural drawings via a verbal presentation.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

ARCHITECTURAL DRAWINGS	2	1	
INTERIM PRESENTATION	2	1	3

Outline Syllabus

Introduction to the discipline of Architectural Technology and the role of the architectural technologist

Introduction to architectural drawings and drawing standards using traditional draughting methods

Introduction to CAD drawing practices using Auto-CAD and Revit

Production of a portfolio of 2D working drawings including plan, elevations, sections and details

Introduction to 3D drawings such as axonometric drawings

Presentations and architectural critical reviews (crit); oral presentation skills

Introduction to LJMU World of Work Skills Certificate

Learning Activities

Lectures
Workshop sessions in the Design Studio
Workshop sessions in an IT suite

Notes

This module introduces the student to the range of drawings prepared by an architectural technologist and enables the student to develop skills in the preparation of architectural drawings with a focus on manual draughting techniques.