

Architectural Graphics 2

Module Information

2022.01, Approved

Summary Information

Module Code	4214BEUG
Formal Module Title	Architectural Graphics 2
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	10
Off Site	6
Workshop	50

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To develop knowledge and understanding of using CAD applications to produce 2D and 3D architectural drawings To develop model making skills using traditional methods and materials
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Understand the range of software applications available in contemporary architectural technology practice
MLO2	2	Apply CAD techniques to a design brief to produce 2D and 3D architectural drawings and perspectives
MLO3	3	Prepare a simple physical model using traditional model making skills and techniques.
MLO4	4	Describe and analyse design and technology used in practice in relation to selected buildings

Module Content

Outline Syllabus	CAD applications:- CAD drawing practices using Auto-CAD & Revit- Printing and plotting of scaled drawings- Production of presentation drawings with enhanced images.- Drawing management using CAD applications. - An introduction to the production of 3D models and perspectives to display a realistic product in order that the viewer can grasp the visual attributes of a design.- Use of graphical editing programmes (such as Adobe Photoshop) in relation to enhance and modify presentation images. Design and model-making- Building analysis- 3D exploration of buildings- Traditional model-making
Module Overview	The aim of this module is to develop your knowledge and understanding of using CAD applications to produce 2D and 3D architectural drawings. This module develops further understanding of drawing techniques developed in semester one, with an additional emphasis on 3D images and perspectives using CAD.
Additional Information	This module develops further understanding of drawing techniques developed in semester one, with an additional emphasis on 3D images and perspectives using CAD. Students will also undertake a traditional model making project.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	ARCH DRAWINGS + MODEL	70	0	MLO1, MLO2, MLO3
Report	GRAPHICAL REPORT	30	0	MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Mohammed Qabshoqa	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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