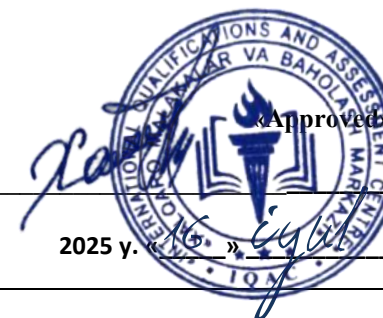




**INTERNATIONAL QUALIFICATIONS
AND ASSESSMENT CENTRE (IQAC)**



Programme	Level 6 Diploma in Architecture		
Unit Number/ Unit Title	Unit 6 Capstone Project – Commercial		
Cohort Code:	L06CPC-U6		
Unit Level	6		
Total Credits/Hours	Total qualification time 200/ Total Guided learning hours 90/ Self-guided learning hours 110		
Credits	20 CATS/ 10 ECTS		
Lecturer			
Start Date		End Date	

Unit Aims	The Capstone Project enables students to demonstrate architectural maturity by designing a complex commercial project. It integrates skills in design, technology, sustainability, and regulation within a real- world brief.		
Differentiation Strategies <i>(e.g. planned activities or support for individual learners according to their needs)</i>	<p>Various approaches to addressing the various identified students’ needs will be adopted throughout the lesson. Such will include:</p> <ol style="list-style-type: none"> 1. Progressive tasks 2. Digital resources 3. Verbal support 4. Variable outcomes 5. Collaborative learning 6. Ongoing assessment 7. Flexible-pace learning 		

Equality & Diversity	Variety of teaching techniques will be employed to ensure that the needs of each individual learner are met.
Safeguarding & Prevent	Safeguarding policies and the Prevent duty are strictly observed to ensure the safety, well-being, and inclusivity of all students and staff.
Health & Safety	SIRM H&S policies will be maintained.
Learning Resources	Teaching and Learning Materials
	<ul style="list-style-type: none"> • Neufert, E. (2012). Architect's Data. Wiley-Blackwell. • Ching, F.D.K. (2021). Architecture: Form, Space & Order. Wiley. • Lawson, B. (2005). How Designers Think. Routledge.

Learning Outcome (The learner will:)	Assessment Criteria (The learner can:)
LO1. Define a coherent architectural brief.	1.1 Produce client- and context-specific design goals.
LO2. Develop a holistic design solution.	2.1 Integrate form, function, sustainability, and regulatory standards.
LO3. Demonstrate advanced technical resolution.	3.1 Deliver comprehensive drawings and material specifications.
LO4. Communicate architectural intent effectively.	4.1 Prepare a professional presentation including renderings, drawings, and models.
LO5. Reflect on design process and critical decisions.	5.1 Submit a written reflection detailing iterations and learning outcomes.

No	Topic	Learning Outcomes for Each Topic	Which assessment criteria does the session relate to?	Day/month/year/ signature
1	Introduction to Capstone Project Scope and Expectations	Understand the purpose, assessment criteria, and requirements of the final design project.	LO1	
2	Selecting a Commercial Project Type and Site	Explore typologies such as offices, retail, cultural, or mixed-use; select a real-world site.	LO1	
3	Site Analysis and Urban Context Mapping	Investigate physical, environmental, and cultural factors influencing the site.	LO1	
4	Stakeholder and User Needs Assessment	Identify client objectives, target users, and programmatic needs.	LO1	
5	Writing the Architectural Brief	Define clear project objectives, design requirements, and spatial adjacencies.	LO1	

6	Precedent Analysis: Typology and Innovation	Study relevant commercial projects to inform initial concept development.	LO1, LO2	
7	Initial Concept Generation and Diagrams	Develop early massing, circulation, and functional ideas.	LO2	
8	Sustainable Strategies for Commercial Buildings	Integrate passive design, energy efficiency, and green materials from concept stage.	LO2	
9	Zoning, Building Codes, and Regulatory Context	Identify relevant codes, height limits, access, fire egress, and site restrictions.	LO2	
10	Form and Spatial Organisation Studies	Develop preliminary plans and sections addressing circulation and user experience.	LO2	
11	Structural Systems and Integration	Choose an appropriate structural strategy and explore spatial consequences.	LO3	
12	Environmental Systems and Building Performance	Incorporate HVAC, lighting, and acoustics in response to building use.	LO3	

13	Façade Design and Envelope Performance	Resolve façade design based on environmental, structural, and aesthetic criteria.	LO3	
14	Accessibility and Inclusive Design	Ensure universal design principles are integrated across all areas.	LO2, LO3	
15	Fire Safety, Egress, and Risk Management	Test compliance with life safety requirements and circulation logic.	LO3	
16	Midterm	Midterm assessment covering all learning outcomes (theory and practical elements)	LO1, LO2, LO3	
17	Material Specification and Technical Detailing	Choose sustainable and appropriate materials for construction.	LO3	
18	Spatial Experience and User Journey	Refine spatial sequence, light, and interior articulation for different users.	LO2, LO4	
19	Mid-Project Review and Feedback Session	Present development work for peer and tutor feedback.	LO1 – LO3	
20	Drawing Set Development: Plans, Sections, Elevations	Produce accurate architectural documentation using CAD/BIM tools.	LO4	

21	Conceptual and Technical Model Making	Develop physical or digital models to communicate form and systems.	LO4	
22	Narrative and Visual Storytelling Techniques	Refine the project's conceptual narrative and presentation coherence.	LO4	
23	Integration of Signage, Wayfinding, and Branding	Address user navigation and client identity in spatial design.	LO4	
24	Final Detailing and Drawing Coordination	Finalise key junctions, callouts, and annotations for submission.	LO3, LO4	
25	Portfolio Preparation and Layout	Develop presentation boards and digital portfolios for review.	LO4	
26	Critical Self-Reflection and Design Log	Document major decisions, challenges, and alternative solutions considered.	LO5	
27	Peer Critique and Design Revisions	Engage in collaborative feedback and revise accordingly.	LO5	

28	Final Presentation Rehearsal	Practice oral presentation and test clarity of visual materials.	LO4, LO5	
29	Final Design Presentation	Present the complete Capstone Project to tutors and peers.	LO1 – LO5	
30	Individual Viva and Assessment	Articulate design journey, rationale, and lessons learned.	LO5	
31	Final Exam: Archiving and Exhibition Preparation	Prepare selected work for digital or public exhibition and reflective summary.	LO4, LO5	