



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



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

<b>Unit Aims</b>	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.
<b>Differentiation Strategies</b> <i>(e.g. planned activities or support for individual learners according to their needs)</i>	Various approaches to addressing the various identified students' needs will be adopted throughout the lesson. Such will include: <ol style="list-style-type: none"><li>1. Progressive tasks</li><li>2. Digital resources</li><li>3. Verbal support</li><li>4. Variable outcomes</li><li>5. Collaborative learning</li><li>6. Ongoing assessment</li><li>7. Flexible-pace learning</li></ol>

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

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

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	

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

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

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

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