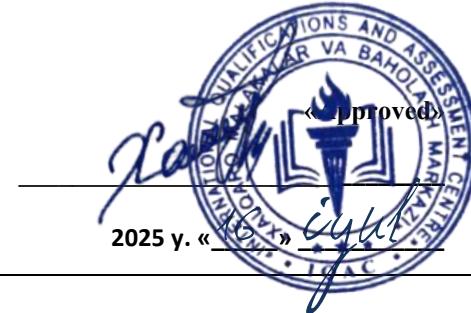




INTERNATIONAL QUALIFICATIONS
AND ASSESSMENT CENTRE (IQAC)



Programme	Level 4 Extended Diploma in Architecture	
Unit Number/ Unit Title	Unit 6 Urban Design and Site Planning	
Cohort Code:	L04UDS-U6	
Unit Level	4 level	
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	This unit introduces learners to urban design theories and methods with a focus on sustainable and human-centered planning. Students will analyse urban morphology, transportation networks, landscape integration, and zoning regulations while developing a site-responsive urban plan.
Differentiation Strategies <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">1. Progressive tasks2. Digital resources3. Verbal support4. Variable outcomes5. Collaborative learning6. Ongoing assessment7. 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.
	Teaching and Learning Materials
Learning Resources	<ul style="list-style-type: none"> • Carmona, M. et al. (2010). Public Places, Urban Spaces. Routledge. • Lynch, K. (1960). The Image of the City. MIT Press. • Gehl, J. (2011). Life Between Buildings. Island Press • Cuthbert, A. R. (2007). The Form of Cities. Blackwell Publishing. • Farr, D. (2011). Sustainable Urbanism. Wiley.

Learning Outcome (The learner will:)	Assessment Criteria (The learner can:)
LO1. Analyse the spatial, environmental, and socio- economic characteristics of urban sites.	<p>1. Written Report:</p> <p>1.1 Conduct site appraisals including zoning, access, and infrastructure.</p> <p>1.2 Identify constraints and opportunities for development.</p>
LO2. Apply urban design principles to create integrated site plans.	<p>2. Studio-Based Project:</p> <p>2.1 Develop site plans that incorporate circulation, land use, and public space design.</p> <p>2.2 Justify design decisions with reference to urban design theory.</p>
LO3. Demonstrate understanding of regulatory and environmental planning frameworks.	<p>3. Case Study Analysis:</p> <p>3.1 Examine planning policies and legal guidelines affecting site design.</p> <p>3.2 Assess sustainability and climate adaptation strategies in urban planning.</p>
LO4. Present urban design concepts using professional visual and verbal communication.	<p>4. Portfolio Submission:</p> <p>4.1 Prepare maps, diagrams, and digital graphics for planning proposals.</p> <p>4.2 Deliver presentations articulating urban design intent and rationale.</p>

No	Topic	Learning Outcomes for Each Topic	Which assessment criteria does the session relate to?	Day/month/year/ signature
1	Introduction to Urban Design Studio and Site Planning Objectives	Understand the goals of urban design and review the scope of site planning projects.	LO1	
2	Reading and Interpreting Urban Contexts	Learn to analyse historical layers, typologies, and land use patterns.	LO1	
3	Site Visit and Urban Observation Mapping	Record observations about scale, use, movement, and community activity.	LO1	
4	Environmental Assessment of Urban Sites	Study microclimate, vegetation, water drainage, and environmental constraints.	LO1	
5	Socio-Economic and Demographic Analysis	Analyse social structures, income distribution, and cultural diversity in urban areas.	LO1	

6	Urban Morphology and Block Structure Analysis	Examine form, massing, and relationships between public and private spaces.	LO1	
7	Transportation and Accessibility Studies	Map transport networks and assess connectivity and walkability.	LO1	
8	Zoning Codes and Building Regulations Workshop	Study local regulations and their impact on development potential.	LO3	
9	Sustainable Urban Design Principles	Learn principles of compactness, mixed-use, and green infrastructure.	LO2	
10	Green Infrastructure Planning and Urban Ecology	Design integration of parks, bioswales, and ecological corridors.	LO2	
11	Public Space Design Principles	Create inclusive, active, and safe public space concepts.	LO2	
12	Street Design for People and Mobility	Redesign street sections to accommodate various user needs.	LO2	
13	Urban Design Patterns and Precedent Studies	Analyse examples of successful urban districts and their patterns.	LO2	

14	Developing a Site Planning Brief	Formulate project scope, programme, and key design objectives.	LO2	
15	Concept Development Charrette	Translate research into conceptual frameworks and strategies.	LO2	
16	Midterm	Midterm assessment covering all learning outcomes (theory and practical elements)	LO1, LO2, LO3	
17	Land Use Allocation and Density Planning	Explore distribution of functions and built intensity across the site.	LO2	
18	Plotting, Grids and Subdivision Studies	Design lot layouts and circulation structures.	LO2	
19	Topography and Infrastructure Integration	Align infrastructure design with terrain and utilities.	LO2	
20	Stormwater Management and Urban Resilience	Apply systems for sustainable drainage and climate adaptation.	LO3	
21	Legal and Environmental Impact Review	Assess planning policies and conduct an environmental impact assessment screening.	LO3	

22	3D Massing Studies and Skyline Integration	Use digital or physical models to test heights and volume.	LO2	
23	Landscape and Open Space Framework	Plan public parks, courtyards, and buffer zones.	LO2	
24	Site Plan Drafting and Annotation Techniques	Use CAD/GIS to draft annotated site plans with legends.	LO4	
25	Axonometric and Sectional Site Representations	Produce cut-through diagrams showing terrain and use.	LO4	
26	Urban Design Diagramming Techniques	Communicate movement, zoning, access and sustainability visually.	LO4	
27	Mock Review – Presenting Site Plans and Diagrams	Practice verbal delivery and storytelling of urban concepts.	LO4	
28	Refining Urban Design Proposal Based on Feedback	Apply critique and refine all project elements.	LO2 – LO4	

29	Final Site Plan and Strategy Board Production	Assemble a clear, professional visual summary of the design.	LO4	
30	Formal Final Presentation of Urban Plan	Defend and explain full urban concept to review panel.	LO1 – LO4	
31	Final Exam: Reflective Report and Urban Design Portfolio Submission	Submit project with written reflection on learning and process.	LO4	