

# APPENDICES ARCHITECTURAL EVALUATION RUBRICS DESIGN STUDIOS



#### ARCHITECTURAL DESIGN STUDIO (1)

**ARCH 103** 

## Forms, Spaces and House STUDIO

Dr. Nashwan Alansi







College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (1) / ARCH 103 - 1445/2023 - Semester :451
PROJECT (1): SPACE-MAKING (THE EXPERIENTAL CUBE 9x9x9) - Coordinators: Dr. Nashwan AlAnsi

FINAL GURY Day: 00/00/2023

Student Name:	Student ID:
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Items	Weight	Requirements	CLOs	Marks
1- Concept	20 %	<ul><li>Concept Development,</li><li>Explore the idea of form and space</li></ul>	К2	
2- Spatial Order & functionality	20 %	<ul><li>Spatial organization,</li><li>Hierarchy of space.</li></ul>	К2	
3- Aesthetic & tectonics	20 %	<ul><li>Appropriateness of form and quality space,</li><li>Technicality and constructiveness.</li></ul>	К1	
4- Drawing Conventions	20 %	<ul><li>Completeness of information,</li><li>Technical and presentation drawings,</li><li>Craftsmanship.</li></ul>	\$4 \$3	
5- Model	20 %	■ Six Models	S3 S4	

OVERALL	100 %	Name:	Signature:	Total
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Grades: A+: 95-100, A: 90-94, B+: 85-89, B: 80-84, C+: 75-79, C: 70-74, D+: 65-69, D: 60-64, F: 55-59

COORDINATORS: Dr. Nashwan AlAnsi - JURORS: Dr. ....., Dr. .....







College of Architecture and Planning / Department of Architecture

ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (1) / ARCH103 -1445 / 2023 - Semester :451

Ass. Group: President Studies

PROJECT (2): PLACE-MAKING / RESIDENTIAL HOME DESIGN - Coordinators: Dr. Nashwan AlAnsi

Day: 00/00/2023

Students Group:	Members:	Assessor:
Name:		ID:

Items	Weight	Requirements		Marks
1- Organization	5 %	The type of presentation is appropriate for the topic and audience.	S4 S3	
i- Oi gailization	5 %	■ Information is presented in a logical sequence.	V2	
	5 %	<ul> <li>Introduction is attention-getting and establishes a framework for the rest of the presentation.</li> </ul>		
	5 %	Technical terms are well-defined in language appropriate for the target audience.		
2- Content	10 %	Presentation contains accurate information.	S4	
2- Content	10 %	Material included is relevant to the overall message/purpose.	S3 V2	
	10 %	<ul> <li>Appropriate amount of material is prepared, and points made reflect well their relative importance.</li> </ul>		
	10 %	There is an obvious conclusion summarizing the presentation.		
	5 %	<ul> <li>Speaker maintains good eye contact with the audience and is appropriately animated (e.g., gestures, moving around, etc.).</li> </ul>		
	5 %	Speaker uses a clear, audible voice.		
	5 %	<ul> <li>Delivery is poised, controlled, and smooth.</li> </ul>	S4	
3- Presentation	5 %	Good language skills and pronunciation are used.	V2	
	5 %	Visual aids are well prepared, informative, effective, and not distracting.		
	5 %	<ul> <li>Length of presentation is within the assigned time limits.</li> </ul>		
	10 %	■ Information was well communicated.		

OVERALL	100 %	Name:	Signature:	Total
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College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (1) / ARCH 103 - 1445/2023 - Semester :451
PROJECT (2): PLACE-MAKING / RESIDENTIAL HOME DESIGN - Coordinators: Dr. Nashwan AlAnsi

Assessment (4) Day: 00/00/2023

Student Name:	Student ID:
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Items	Weight	Requirements	CLOs	Marks
1- Site Analysis	20 %	<ul> <li>Critical Contextual Issues.</li> </ul>	K1	
	10 %	<ul> <li>Clarity &amp; Effectiveness of Diagrams.</li> </ul>	S4	
2- Site Synthesis	30 %	Clarity of Design Intent & Strategies.		
	20 %	Clarity & Effectiveness of Diagrams.	K1 S4 S3	
	10 %	Comprehensive Solutions Probe.		
3- Presentation	10 %	Presentation format.	S3	

OVERALL	100 % Name:	Signature:	Total
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College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (1) / ARCH 103 - 1445 /2023 - Semester :451
PROJECT (2): PLACE-MAKING / RESIDENTIAL HOME DESIGN - Coordinators: Dr. Nashwan AlAnsi

FINAL GURY Day: 00/00/2023

#### Student Name: Student ID:

	Items	Weight	Requirements		CLOs	Marks (100)
1- Design Process and Form Generation	Matrix & Bubble Diagram	100 %	<ul> <li>Describe different kinds of spaces varying in shape (provide information about of rooms relative to each other &amp; greater or lesser importance).</li> <li>Create a rough sense of flow (used to develop a more refined plan).</li> <li>Represent the flow of a space.</li> </ul>	it the sizes	K2 S4	
	Conceptual Design		The first or a very early phase of the design process			
Concept	Concept/ Theme	100 %	<ul> <li>A concept can be defined as an abstract idea. Theme: A theme is a specific idea that recurs in a particular piece of work.</li> </ul>	subject or	K2	
2. (	Concept Development		A process of developing ideas to solve specified design problems.			
	Building height (shadow)		The vertical distance measured from the ground to the highest point of the ro-	of.		
3. Site Plan & Landscape	Zoning	100 %	To create an evaluation of your site plan.		S4	
Site Land	Accessible parking spaces		A Parking Space Maintains Your Car's accessibility.			
κ̈́	Walkways		A walkway is a passage or path for people to walk along.			
ns	Spatial Organization & Hierarchy of Space	100 %	Identify the specific activities and areas involved in family, work, service, and go	uest.	***	
4. Plans	The Functionality of Space		Determine the utility of a floor plan in relation to a family's needs.		K2 S3	
	Circulation		The route that people follow as they move from one place to another.			
	Ability to Visualize the Building		To show, the main volumes of the building and the main building material compared to the main building material compared to the building and the main building material compared to the building and the main building material compared to the building and the main building material compared to the building and the main building material compared to the building and the main building material compared to the b	ponents		
. Sections	Showing Spaces & Multiple Spaces Stacked On Top of Each Other	100 %	<ul> <li>To reveal the interior details of walls, ceilings, floors, and other elements of t structure.</li> </ul>	he building	K2 S3	
5	Section Cut		<ul> <li>The capability of showing cuts through both walls and floors and organizir alignment with the size and scale of the standing human figure.</li> </ul>	ng space in		
Elevations	Aesthetic & Tectonics	100 %	<ul> <li>The appeal of a building covers the combined effects of a building's shape, siz unity, emphasis, contrast, symmetry, proportion, pattern, decoration, cultur Materials, Colours and Architectural Elements and the integration of structure</li> </ul>	re, Exterior	K1 S3	
6. El	Attractive, Harmonious, and a Positive Identity		To show the finished appearance of a given side of the house			
7. 1	ch Drawing Convent	ion	Completeness of information	100 %	S3	
7. Arch. Drawing Convention		.1011	Technical and presentation drawings	100 70	55	
8. Graphic comm. & Board Presentation		d	Sketches		S3	
		u-	Rendering Quality	100 %	S3 S4	
			Layout & Colouring			
9. Perspective (3D)			Exterior Perspective	100 %	S4	
			Interior Perspectives			

OVERALL 100 % Name: Signature: Total



# ARCHITECTURAL DESIGN STUDIO (2) ARCH 204

#### **Modular and Grid STUDIO**

Ahmed AbdelMonteleb Mohammed Ali





College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (2) / ARCH 204 - 1445 /2023 - Semester :451
PROJECT: COMMERCIAL MODULAR BUILDING - Coordinators: Dr. Ahmed AbdelMonteleb M. Ali

**Assessment (5)** Day: 00/00/2023

Student Name:	Student ID:
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Items	Weight	Requirements	CLOs	Marks
		<ul> <li>Modular and units are well presented and considered.</li> <li>Ordering system is considered in the selected unit / module.</li> </ul>		
1- Modular and Unit	10 %	Coordinated repetition of the Units with a precise mathematical relationship between them.	K2	
		Ordering system is considered in the selected unit / module.		
		Clear buildings form and edges and site context.		
		Clear landscape and entrance to the projects.		
2. Site Plan	10 %	Parking is well designed and linked to the project buildings.	K2 V2	
		Modular and units are considered.		
		Shadow is clear		
		Design intend with functions and furniture.		
	25 %	Circulation & spatial order and grid-based arrangement of spaces.		
3. Plans + Landscape		Hierarchy of space inside the unit and outside.	К1	
Lanascape		Two functions of units (at least) with five landscape elements .		
		There is a clear relationship between indoor and outdoor spaces.		
		Appropriateness of Façade locations.		
	10 %	Well objected showing exterior.	- S1	
4. Facade		Well thick ground line arranged with levels of the projects.		
4. Facauc		<ul> <li>Identify the materials.</li> </ul>		
		Two Façade at least.		
		Shadow effect.		
		Appropriateness of section locations.		
		Well objected showing interior and exterior.		
5. Sections	15 %	Well thick ground line arranged with levels of the projects.	S2	
J. 200	10 /0	Identify filled and blanked of material.	. ~-	
		Two section at least.		
		No Shadow.		
		Artistic and detailed.		
6. Physical Model		More than five materials involved.		
	30 %	Placed within context.	S2	
		Aesthetic & Tectonics.		
		Manual inputs involved.		

OVERALL 10	100 %	Name:	Signature:	Total	
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College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (2) / ARCH 204 - 1445 /2023 - Semester :451
PROJECT: COMMERCIAL MODULAR BUILDING - Coordinators: Dr. Ahmed AbdelMonteleb M. Ali

FINAL GURY Day: 00/00/2023

Student Name: Student ID:

Items	Weight	Requirements	CI	LOs M	Marks
1. Site Analysis & Diagrammatic Synthesis	5 %	Clear consideration to the physical conditions, sensitivity to environmental     Design response to surrounding context     Grid and module are well constructed and applied to the site properly     Modular and units are considered within the site condition     Shadows analysis is clear		X2	
2. Concept – Design Module	10 %	<ul> <li>Sketches and diagrams are well done</li> <li>Well relation to the site analysis and synthesis</li> <li>Appropriateness of form that fit the project,</li> <li>Modular and units are considered.</li> <li>Aesthetic &amp; Tectonics</li> <li>Innovation and simplicity</li> </ul>		χ <sub>2</sub>	
3. Site Plan	10 %	<ul> <li>Various drawings and sketches to highlight the concept approach</li> <li>Clear buildings form and edges and site context</li> <li>Clear landscape, furniture and entrance to the projects</li> <li>Parking is well designed and linked to the project buildings</li> <li>Modular and units are considered.</li> <li>Drawing Conventions &amp; Presentation</li> </ul>		ζ1	
4. Plans	30 %	Design intend with functions and furniture.  Circulation & spatial order and grid based arrangement of spaces  Hierarchy of spaces inside the unit  Two functions of units (at least)  There is a clear relationship between indoor and outdoor spaces.		S1	
5. Sections	10 %	Appropriateness of section locations     Well objected showing interior and exterior     Well thickness ground line arranged with levels of the projects.     Identify filled and blanked of material     Two section at least		52	
6. Facade	10 %	Drawing Conventions & Presentation      Appropriateness of Façade locations      Well objected showing exterior      Well thickness ground line arranged with levels of the projects.  Identify the materials with clear design idea      Two Façade at least      Drawing Conventions & Presentation		52	
7. Physical Model 1:200	25 %	Full landscape and mass model with clear elements and good installation  Fully detailed model (1:100 or 1: 50) includes a clear form  More than two materials involved  Placed within context  Aesthetic & Tectonics  Manual inputs involved		52	
Overall	100 %	Name:	Signature:	7	Fotal

# ARCHITECTURAL DESIGN STUDIO (3) ARCH 205

## **Multifunction Buildings STUDIO**

Dr. Abdelmonem Elbaradei, Dr. Sherif Elsayed Elsaid







College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (3) / ARCH 205 - 1445 / 2023 - Semester :452
PROJECT: BASIC EDUCATIONAL SERVICES COMPLEX - Coordinators: Dr. Abdelmonem Elbaradei, Dr. Sherif Elsayed

ASSISSMENT (5) Day: 00/00/2023

Student Name: Studen
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	Items	Weight	Requirements		Marks
Site Analysis & Project Studies	Site Maps Analysis	2 %	<ul> <li>There is a precise analysis of environmental influences on the site, including the movement of the sun, wind and noise.</li> <li>The analysis included the movement of cars, their entry and exit to and from the site, and how to determine the parking locations.</li> </ul>		
is & Proj	Bubble Diagram & 3 % Functionality is clear in the Bubble diagram, matrix analysis, Clear drawing of lines and connections between spaces.		K1 V2		
Analys	Zoning	2 %	Functionality is clear in zooning analysis.		
1- Site	Concept	3 %	The Concept is clearly descried and justified based on the function, site context or any other initiative idea.		
lan	Urban Design & Landscape	4 %	<ul> <li>There is a correspondence between the design and the preliminary analytical studies of the site,</li> <li>Clear drawing of building objects and landscape elements.</li> </ul>		
2. Site Plan	Geometric Projection of Lines	3 %	Projection of Lines and convention drawing is clear.	K1 K2	
	Shade /Shadows & Presentation	3 %	Shadow is clear in the site plan in the appropriate time, and Scale is as required.		
	Design + functionality	15%	<ul> <li>Analysis part (Bubble diagram, Zooning and Matrix) reflected in the design.</li> <li>Clear hierarchy of spaces.</li> </ul>		
	Construction	5%	Clear structure systems in the plan, and The design includes a long-span system.		
3. Plans	Dimension and Area Analysis	5%	<ul> <li>Furniture is designed and placed according to the functions of the space.</li> <li>Area of spaces design according to the requirement, no wasted spaces.</li> </ul>	K1 K2 V2	
	Sustainability	5%	■ Initiative ideas and solutions in Plans.		
	Presentation	5%	■ Drawing Conventions & Presentation.		
sns s)	Drawing of Section	6%	<ul> <li>Geometric Projection of Lines, Sections lines is justified, and Human figures, different levels are illustrated.</li> </ul>		
4. Sections (2 Sections)	Projection of Lines	4 %	Projection of Lines and convention drawing is clear.	K2 V2	
4.	Presentation	3 %	■ Drawing Conventions & Presentation.		
on s)	Drawing of Section	6%	<ul> <li>Geometric Projection of Lines, Sections lines is justified, and Human figures, different levels are illustrated.</li> </ul>		
5. Elevation (2 Elevations)	Projection of Lines	3 %	Projection of Lines and convention drawing is clear.	K2 V2	
5	Presentation	3 %	■ Drawing Conventions & Presentation.		
ve &	Exterior Perspectives (At least <u>2</u> Shots)	4 %	The photos were chosen to confirm the idea of the project, and The images shown		
6. Perspective & Model	Interior Perspectives (At least <u>2</u> Shots)	4 %	correspond to the analysis and designs provided.	V2	
6. Per	Model/ Maket	5%	The Model/ Maket should clarify the idea of the project, above all, show the project land and car parking (with suitable Scale).		
7 <b>.</b> C	pisplay and present project panels	3%	<ul> <li>Drawing Conventions &amp; Presentation.</li> <li>Drawing Names Line Types and Weights, Solid (seen).</li> <li>Dashed (hidden), Scale, Annotations, and North Point.</li> </ul>	K1	

OVERALL 100 % Name: Signature: Total







College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (3) / ARCH 205 - 1445 / 2023 - Semester :451
PROJECT: BASIC EDUCATIONAL SERVICES COMPLEX - Coordinators: Dr. Abdelmonem Elbaradei, Dr. Sherif Elsayed

**FINAL GURY** Day: 00/00/2023

Student Name: Student ID:

	Items	Weight	Requirements	CLOs	Marks
I- Site Analysis & Project Studies	Site Analysis	<ul> <li>There is a precise analysis of environmental influences on the site, including the movement of the sun, wind and noise.</li> <li>The analysis included the neighborhood and the entry and exit of pedestrians to the site.</li> <li>The analysis included the movement of cars, their entry and exit to and from the site, and how to determine the parking locations.</li> </ul>		K1	
e Analys Stuc	Bubble Diagram, Zooning & Matrix		<ul> <li>Functionality is clear in the Bubble diagram, matrix and zooning analysis.</li> <li>Clear drawing of lines and connections between spaces.</li> </ul>	V2	
1- Sit	Concept	The Concept is clearly descried and justified based on the function, site context or any other initiative idea.			
0 0 2 Site Plan &		8%	<ul> <li>There is a correspondence between the design and the preliminary analytical studies of the site, and the entrances are in accordance with the visual attractions, and there is clarity of entrances and exits.</li> <li>The distribution of project elements on the building is well thought out.</li> <li>Clear drawing of building objects and landscape elements.</li> </ul>		
2. Site Plan - 1/ 400	Landscape	4%	<ul> <li>Clear Parking area with attention to Handicaps.</li> <li>Clear man-made and natural elements of landscape.</li> <li>Clear relationship between landscape, streets and entrance of buildings, and Geometric. Projection of Lines and convention drawing is clear.</li> </ul>	K1 K2	
	Shade /Shadows & Presentation	2 %	• Shadow is clear in the site plan in the appropriate time, and Scale is as required.		
1/ 200	Design + functionality		<ul> <li>Analysis part (Bubble diagram, Zooning and Matrix) reflected in the design.</li> <li>Clear hierarchy of spaces.</li> <li>A clear sequence of movements.</li> </ul>	K1	
	Design + functionality    Design + functionality	10 %	<ul> <li>Furniture is designed and placed according to the functions of the space.</li> <li>Area of spaces design according to the requirement, no wasted spaces.</li> </ul>	K2 V2	
÷	Construction 10%		Clear structure systems in the plan, and The design includes a long-span system.		
i <b>ons</b> ections )	Drawing of Section	5%	Geometric Projection of Lines, Sections lines is justified, and Human figures, different levels are illustrated.		
4. Sections 1/200 - (2 Sections)	Projection of Lines	3 %	Projection of Lines and convention drawing is clear.  K2 V2		
	Presentation	2 %	Drawing Conventions & Presentation.		
5. Elevation 200-(2 Elevations)	Drawing of Elevation	6%	<ul> <li>There is a Clear diversity in the interface elements realizing the aesthetic.</li> <li>Elevations lines is justified, and Shades that clearly reflect the interface elements.</li> </ul>	***	
Elevation	Projection of Lines	3 %	<ul> <li>Projection of Lines and convention drawing is clear.</li> </ul>	K2 V2	
5. 1/200	Presentation	3 %	■ Drawing Conventions & Presentation.		
e &	Exterior Perspectives (At least <u>2</u> Shots)	4%	The photos were chosen to confirm the idea of the project, and The images shown		
pectiv	Interior Perspectives (At least <u>2</u> Shots)	4 %	correspond to the analysis and designs provided.	V2	
6. Perspective Model	Model/ Maket	5%	■ The Model/ Maket should clarify the idea of the project, above all, show the project land and car parking (with suitable Scale).		
	7. Life Safety	2 %	The Evacuation plan is clear. Fire system is considered.		
	8. Sustainability	+5%	Initiative ideas and solutions.     S2		
9. [	Display and present project panels	5%	<ul> <li>Drawing Conventions &amp; Presentation.</li> <li>Drawing Names Line Types and Weights, Solid (seen).</li> <li>Dashed (hidden), Scale, Annotations, and North Point.</li> </ul>		
	OVERALL	105 %	Name: Signature:		

#### ARCHITECTURAL DESIGN STUDIO (4)

**ARCH 306** 

## **Housing STUDIO**

Dr. Ahmed Alhazmi







College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (4) / ARCH 306 - 1445 /2023 - Semester :451
PROJECT: RESIDENTIAL NEIGHBORHOOD - Coordinators: Dr. Ahmed Alhazmi

PRE-FINAL GURY Day: 00/00/2023

Student Name:	Student ID:
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Items	Weight	Requirements		Marks
1. Participation	10 %	■ Design progress & follow-up		
2. Preliminary & Analytical Studies	10%	<ul> <li>Environmental study, Circulation, furniture, functional relationships and spaces "area"</li> <li>Studying the cultural and social aspect of the target group in the project</li> </ul>		
<b>3. Site Plan</b> Master Plan development and details	10%	<ul> <li>(Built blocks + the details : Landscape for the site + Vehicles + Parking + pedestrian +Sustainability +Visual Axes, and number of families targeted "number of apartments or units" + Ratio of buildings and services area to the total area)</li> </ul>	K1	
4. Regulation & Code Complies	5%	<ul> <li>(buildings heights, buildup percentages, parking's, setbacks, safety requirements, etc.), indicate property line, setback.</li> </ul>	•	
	5%	<ul> <li>Architectural program for residential unit:(areas, furniture, bubble diagram) +sustainability of the units</li> </ul>		
5. Residential Unit Design (Whole Kinds)	15 %	<ul> <li>Flats detailing (plans for all types of units and other details for units: Environment studies)</li> </ul>	S2	
	15%	■ Façade treatments + Section/s & 3D for Residential buildings 1/200,1/100		
6. Return On Investment (ROI)	10%	(ROI) for the residential unit and the whole project, with an indication of the approximate cost per meter and for all residential units: by (Excel for explain Efficiency).		
- P	15%	<ul> <li>Overall poster presentation:3D details of the Project (from diff. angle views) for master plan (site plan) and for residential buildings</li> </ul>		
7. Presentation	5%	Oral presentation	•	

OVERALL	100 %	Name:	Signature:	Total
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College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (4) / ARCH 306 - 1445 /2023 - Semester :451
PROJECT: RESIDENTIAL NEIGHBORHOOD - Coordinators: Dr. Ahmed Alhazmi

**FINAL GURY** Day: 00/00/2023

Student Name:	Student ID:

Items	Weight	Requirements		Marks
1- Site Analysis & Project Studies	5%	<ul> <li>Site analysis: climatic elements and their implications for design and neighborhood strategies, people with disabilities, traffic, etc.</li> <li>Project components, functional relationship, furniture and spaces' calculations, etc.</li> <li>Socio-cultural aspect of the target group in the project.</li> </ul>	1/1	
	10%	Provide required NO. of Blocks and apartments, car parking, services.		
2. Apartments' blocks	5%	<ul> <li>Provide good relationship between project communities, and distribution of services.</li> </ul>	170	
layout & landscape design	5%	<ul> <li>Provide save and secured site: separate vehicle circulations, parking lots form pedestrian walkways.</li> </ul>	К2	
	10%	<ul> <li>Provide livable, thermally, acoustically and visually comfortable compound. (Human centricity).</li> </ul>		
3. Regulation & Code comply	5%	• (Buildings heights, buildup percentages, parking's, setbacks, safety requirements, evacuationetc.), indicate property line, setback, cantilevers, in ground floor plan and other floors if necessary.		
	5%	<ul> <li>Architectural program for residential unit:(Unit components' relationship, ,bubble diagram, areas calculations, zones in unit, privacy hierarchy,etc.)</li> </ul>		
4. Residential Building Design	15 %	• Flats detailing (plans for all types of units and other details for units) Ground Floor and Typical Floors for each different block, Apartment details (schematics of all unit types and other unit details) Ground floor and typical floors for each different block, with explaining construction techniques.	S2 S1 K2	
	10%	Two facades at least with a precise projection of the facade, reflecting innovation and creativity.		
	5%	<ul> <li>Two-section/ one at least showing the vertical circulation arranged with levels of the projects.</li> </ul>		
5. Return on investment (ROI)	5%	ROI: for the residential unit and the whole project, with an indication of the approximate cost per meter squ., and for all residential units according to type.		
	5%	Overall poster presentation:3D details of the Project (from any angle view) for master plan (site plan) and for residential buildings		
6. Perspective & Model	10%	■ Model	-	
	5%	<ul> <li>Initiative ideas and solutions.</li> </ul>		

OVERALL	100 %	Name:	Signature:	Total
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#### ARCHITECTURAL DESIGN STUDIO (5)

**ARCH 307** 

## **Urban Design STUDIO**

Dr. Mostafa Gharieb, Dr. Abdulaziz Alshrief







College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (5) / ARCH 307 - 1445 /2023 - Semester :451

**ASSEGNMENT (3) -** GROUP WORK Day: 00/00/2023

### PROJECT: URBAN RESPONSIVENESS : IMPROVING THE EFFICIENCY AND SUSTAINABILITY OF THE URBAN ENVIRONMENT OF THE COMMUNITY IN THE CENTER OF MAJMAAH GOVERNORATE, RIYADH REGION

"Urban Upgrading and Smartification"

(Partial urban realm located in the center of Majmaah: the development sector around the axis of King Abdullah Road North/South, King Salman Road North and King Fahad East)

Master Plan: Site Design concepts along the urban area and its Surroundings /Visual development for site attributes/ Design intiatives spatially Studies/ 3D Phisical Model base (10%)

Students Group:	Members:	Assessor:		
Name:		ID:		

Items	Weight	Requirements		Marks
1- Design Analysis Visual analysis (Before & After)	20 %	<ul> <li>Clear Ideas for the project topic,</li> <li>Accessibility for Site: Public spaces Realm,</li> <li>Discovering the urban properties of selected sites: Development for mental map (Keiven Lynch approach)</li> </ul>	K1	
2- Master Plan Developing site attributes of Site Design	20%	<ul> <li>Circulation and Spatial Order studies &amp; accessibility,</li> <li>Connectivity and Hierarchy of spaces,</li> <li>Site key features,</li> <li>Policy and development framework.</li> </ul>	K2	
3. Urban Character for Detailed Areas Conceptual and functional approach, redesign for detailed areas with its urban context	20%	<ul> <li>Sitting out the design strategies for Master Plan,</li> <li>Graphically display the physical attributes,</li> <li>Functional approach and design principles for detailed areas,</li> <li>Clearness's of the preliminary design solutions for detailed areas,</li> <li>Compatibility with the existing Municipal development project of City Center, Al Majmaah</li> </ul>	<b>S</b> 1	
4. 3D Physical Model Strategy Clear and constant contents	20%	<ul> <li>Presentation Arrengement, 3D Model suggested area and urban regulators,</li> <li>Regular landscape elements presentation,</li> <li>Hard surface, soft surface, green space water elements &amp;trees /palms and its representation of 3D Model base,</li> <li>Work Progressing,</li> <li>Understanding of the 3D presentation contents.</li> </ul>	S2	
5. Detailed Design For initiatives areas	20 %	<ul> <li>Function of detailed public spaces,</li> <li>Cross sections a long the detailed areas: Design characteristics &amp; Mass studies,</li> <li>Opportunities and constraints implementations on design solutions.</li> </ul>	V1	

OVERALL	100 %	Name:	Signature:	Total
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College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (5) / ARCH 307 - 1445 /2023 - Semester :451

FINAL GURY Day: 00/00/2023

#### PROJECT: URBAN RESPONSIVENESS : IMPROVING THE EFFICIENCY AND SUSTAINABILITY OF THE URBAN ENVIRONMENT OF THE COMMUNITY IN THE CENTER OF MAJMAAH GOVERNORATE, RIYADH REGION

"Urban Upgrading and Smartification"

(Partial urban realm located in the center of Majmaah: the development sector around the axis of King Abdullah Road North/South, King Salman Road North and King Fahad East)

#### Final Submission: Final for urban and architectural elements

(Plans for buildings and surroundings/Elevations/Sections for buildings and spaces/ 3 D Animation /3D Perspectives)

Students Name:			Group:	ID:			
Items	Weight	Requirements		CLOs	Assignment Degree (100)	Weighted Degree	Grade Category
1- Public realm design development (Group Work)	20%	<ul> <li>Clearness of Design Ideas for the proje</li> <li>Accessibility for Site: Public spaces F solution for road network and block a</li> <li>Upgrading of the site context -the nei</li> <li>Site URBAN REGULATIONS application</li> </ul>	ealm, Suggested design reas ghborhoods,	S2 V1			(%0
2- Developing the Urban Context and relation with the traditional urban core of selected site with its main axis (Assebakh road): Design Initiatives clarity (Group Work)	10%	<ul> <li>Coordination with the whole urban tis</li> <li>Adaptability with the urban context at features,</li> <li>Visual Analysis: Design Solution, Site</li> <li>Site URBAN REGULATIONS application</li> </ul>	nd surrounding key	S1 K2			Sum. Group Submission (Master Plan) (50%)
3. Developing a 3D studies for the GROUP's partial site in coordination with other project's groups (Group Work)	10%	<ul> <li>Details /overall Landscape/Scale and proportions.</li> <li>Clearance of the main path and developing initiatives along it, coordination with other parties.</li> </ul>		V4			roup Submissi
4. Conceptual and functional approach: re-design for (Architectural Facilities/ Detailed Areas )with its urban context (Group Work)	20%	<ul> <li>Sitting out the design strategies for master plan,</li> <li>Graphically display the physical attributes,</li> <li>Functional approach and design principles for detailed areas,</li> <li>Clearness's of the preliminary design solutions for detailed areas,</li> <li>Compatibility with the existing Municipal development project of Al Majmaah city center.</li> </ul>		K1			Sum. G
5. Architectural Initiative Proposal Adequacy: Final for all Architectural elements (Plans+ Elevations+ Sections for buildings and spaces) (Individual Work)	30%	<ul> <li>Architectural Program : Adequacy the urban context,</li> <li>Analysis for circulation (in/out) the d Pedestrian ),</li> <li>Site landscaping and solution effective</li> <li>DESIGN SOLUTION INNOVATION: three dimensional design envelop.</li> </ul>	etailed area ( Vehicles&	S2 V1			Sum. Individual Submission (Detailed Urban & Architectural Initiative) (50%)
6-3 D Perspectives (Exteriors/ Interiors): two/ three dimensional design envelop (Individual Work)	10%	<ul> <li>Urban and architectural character adequacy,</li> <li>Using a proper rendering techniques,</li> <li>The Urban /architectural features which dived by the presented perspectives,</li> <li>Using a freehand sketching informative shoots.</li> </ul>		К2			ilvidual Submission (Detailed Architectural Initiative) (50%)
7. 3D Studies/Master Plan Physical Model: architectural initiative components (Individual Work)	10%	<ul> <li>Details /overall Landscape/Scale and proportion,</li> <li>Clearance of the urban relations with it, coordination with other parties.</li> </ul>		k2			Sum. Indiv
OVERALL	100%	Name:	Signature:				Total



#### ARCHITECTURAL DESIGN STUDIO (6)

**ARCH 408** 

## **System STUDIO**

Dr. Ehab Sanad, Dr. Suliman Altami







College of Architecture and Planning / Department of Architecture
ARCHITECTURAL EVALUATION RUBRIC / DESIGN STUDIO (6) / ARCH 408 - 1445 /2023 - Semester :451
PROJECT: COMMERCIAL BUILDING/ INTEGRATED SYSTEMS - Coordinators: Dr. Ehab Sanad, Dr. Suliman Altami

**FINAL GURY** Day: 00/00/2023

Student Name: Student ID:

	Items	Weight	Requirements		CLOs	Marks
ct	Site Analysis	1 %	Sufficient and well presented.			
1- Project Studies	Case Studies	1 %	Relevant and analyzed.		К3	
÷ S	Design Concept	3 %	Reasonable, innovated and clearly explained.			
ign	Site Plan	5 %	layout design, parking, landscaping, building layout, shadows, and presen	tation.		
al Des	Plans	15 %	<ul> <li>layout, circulation, equipment and furniture, and presentation.</li> </ul>			
Architectural Design	Sections	5 %	• vertical circulation elements, consistency, detailing and presentation.		S1	
Archit	Elevations	5 %	Façade design, visual richness and presentation.			
2. F	Rendering	5 %	<ul> <li>Interior and exterior, presentation, design, and quality.</li> </ul>			
	Structural Plans	5 %	Columns, grid, foundations, beams, floor system and color coding.			
3. Structural System	Sections	2 %	Columns, beams, floors, foundations, connections, and details.		62	
. Structui System	Structure 3D Model	5 %	Color coding, materials, connections, and stacked plans and 3D detailing.		S3	
3	Case Studies	0.5 %	Case studies for the systems used in the project.			
	Wall Sections	4 %	Consistency, detailing, insulation, finishes and annotation.			
4. Envelope System	Enlarged Section	4 % Thermal insulation, floor/wall connections, interior, and exterior finishes.				
. Envelop System	3D Details	4 %	Relevant to façade design and wall section.	S3		
4	Case Studies	0.5 %	5 % For the systems used in the project.			
	H.V.A.C. Plans	4 %	4 % Supply and return diffusers, ducting layout, AHU, eq. rooms.			
.A.C. em	H.V.A.C. Sections	1 % Diffusers, ducting system, AHU and chillers connections.				
5. H.V.A.C. System	H.V.A.C. 3D Model	2 %	2 % Ducting system, integration with architectural design.		S3	
	Case Studies	0.5 %	For the systems used in the project.			
/ m	Lighting Plans	2 %	Lighting, and wiring in plans.			
6. Electrical / Lighting System	Lighting Section	1 %	Lighting Elements design in section.			
. Elect	Tables and Legends	1 %	Calculation tables, symbols Etc.		S3	
6. Lig	Rendering	1 %	Lighting design rendering.			
ety	Fire precaution 2 % Sprinklers & det		Sprinklers & detectors layout, alarm.			
fe Safety ystem	Life safety Plans	2 %	Escape routes, fire zones, fire boxes, and fire exits.		V1	
7. Lif	Legend	1 %	Symbols, Zones, sprinklers and smoke detectors.			
	Coordination plans	3 %	All systems coordination reflected ceiling plans.			
rated	3D coordination model and stacked model	3 %	All systems coordination.			
8. Integrated System	Coordinated sections	1 %	All systems including Architectural.		S3	
8	Interference check report	0.5 %	Sample clash detection list before and after coordination.			
Poster Presentation, Drawing quality, and Oral presentation 10 % V2						
Structure Model (Physical model Bonus points) 5 % S3						
	Envelope system Model (Physical model Bonus points) 5 % S3					

OVERALL 100 % Name: Signature: Total



# ARCHITECTURAL DESIGN STUDIO (7) **DEG 409**

#### **Graduation STUDIO**

Dr. Ahmed Mawad Awad







College of Architecture and Planning / Department of Architecture

ARCHITECTURAL EVALUATION RUBRIC / GRADUATION STUDIO / DEG 409 - 1445 / 2023 - Semester :451

GRADUATION PROJECT: - Coordinators: Dr. Ahmed Mawad Awad

PRE FINAL GURY Day: 00/00/2023

Student Name: Student ID:

	Items Weight Requirements		CLOs	Marks	
1- Site Plan	Site Plan Clarity	10%	<ul> <li>Role of Environmental consideration on the site,( sun path, wind and noise,),</li> <li>Urban context integration with surroundings and the entry and exit of (pedestrians / vehicles), to the site,</li> <li>Define the parking locations.</li> <li>Allaying the analytical studies of the site massing, The clarity of entrances and exits,</li> <li>In accordance with the visual attractions, The distribution of project elements on the building is well thought out.</li> </ul>	S1 S2	
	Landscape	5%	<ul> <li>Clear Parking area with attention to Handicaps,</li> <li>Clear man-made and natural elements of landscape,</li> <li>Clear relationship between landscape, streets and entrance of buildings,</li> <li>Geometric Projection of Lines and convention drawing is clear.</li> </ul>		
ns		20%	<ul> <li>Analysis part (bubble diagram, zooning ) reflected in the design,</li> <li>Clear hierarchy of spaces, sequence of movements, circulation of visitors ,employees, workers, services ).</li> </ul>		
2. Architecture Plans	Design & Functionality	15%	<ul> <li>Building functional zoning considering (privacy, security, safety),</li> <li>Spaces Furniture layout according functions of the spaces and avoiding wasted spaces,</li> <li>Space name in addition to furniture layout of each space. Playing relevant Regulations and Codes (IBC, NVPA, HANDCAPTED).</li> </ul>	S2 V1 S1	
·	Shade /Shadows & Presentation	5%	<ul> <li>Clear structure system in the plan, and The design includes special and long-span spaces ( theaters, halls, towers)</li> </ul>		
3. Sections (2 Sections)	Concept & Section	10%	Geometric Projection of Lines, Selection of section line is justified, and across main entrance, theater and, Human figures, different levels are illustrated., Applying the Concept in the section design, Define floor height Considering clear height of each space and systems space required.		
no (	Concept & 5 % Concept in the elevation, identity, style, integration.		Concept in the elevation, identity, style, integration.		
<ol> <li>Elevation</li> <li>Elevations</li> </ol>	Sustainability	5%	Sustainability consideration impact on Elevations design .	S4 V1	
4. E	Aesthetic	10%	<ul> <li>Apply a clear diversity in the Facade elements realizing the aesthetic, and There are shades that clearly reflect the Facade design components.</li> </ul>		
ıalization	Exterior and Interior Perspectives	5%	<ul> <li>The perspective shots were chosen to confirm the idea of the project, and The shots shown represent the analysis and designs provided.</li> </ul>		
5. Visualizati	Physical Model	5%	The Model/ Maket should clarify the idea of the project, above all, show the project masses on land and car parking.	S1	
6. Presentation	Graphical & Oral Presentation  5 %  Drawing Conventions & Presentation, Drawing Clear Narration, Line Types and Weights, Solid (seen), Dashed (hidden), and Scale, Annotations, North Direction, and Innovative Poster Design		\$3 \$2		

OVERALL 100 % Name: Signature: Total







College of Architecture and Planning / Department of Architecture

ARCHITECTURAL EVALUATION RUBRIC / GRADUATION STUDIO / DEG 409 - 1445 / 2023 - Semester :451

GRADUATION PROJECT: - Coordinators: Dr. Ahmed Mawad Awad

**FINAL GURY** Day: 00/00/2023

Student Name: S	Student ID:
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	Items Weight Requirements CLOs		CLOs	Marks	
r- Site Plan	Site Plan Clarity	10 %	<ul> <li>Role of Environmental consideration on the site,( sun path, wind and noise,),</li> <li>Urban context integration with surroundings and the entry and exit of (pedestrians / vehicles), to the site,</li> <li>Define the parking locations.</li> <li>Allaying the analytical studies of the site massing, The clarity of entrances and exits,</li> <li>In accordance with the visual attractions, The distribution of project elements on the building is well thought out.</li> </ul>	S1 S2	
	Landscape	5%	<ul> <li>Clear Parking area with attention to Handicaps,</li> <li>Clear man-made and natural elements of landscape,</li> <li>Clear relationship between landscape, streets and entrance of buildings,</li> <li>Geometric Projection of Lines and convention drawing is clear.</li> </ul>		
lans		20 %	<ul> <li>Analysis part (bubble diagram, zooning ) reflected in the design,</li> <li>Clear hierarchy of spaces, Clear sequence of movements, circulation of visitors ,employees, workers, services).</li> </ul>		
Architecture Plans	Design & Functionality	15%	<ul> <li>Building functional zoning considering (privacy, security, safety),</li> <li>Spaces Furniture layout according functions of the spaces and avoiding wasted spaces,</li> <li>Space name in addition to furniture layout of each space. Playing relevant Regulations and Codes (IBC, NVPA, HANDCAPTED).</li> </ul>	S2 V1 S1	
2.	Shade /Shadows & Presentation	5%	<ul> <li>Clear structure system in the plan, and The design includes special and long-span spaces ( theaters, halls, towers)</li> </ul>		
3. Sections (At Least 2 Sections)	Concept & Section	10%	<ul> <li>Geometric Projection of Lines,</li> <li>Selection of section line is justified, and across main entrance, theater,</li> <li>Human figures, different levels are illustrated.,</li> <li>Applying the Concept in the section design,</li> <li>Define floor height Considering clear height of each space and systems space required.</li> </ul>	ne is justified, and across main entrance, theater, rent levels are illustrated., in the section design,	
ion Is )	Concept & Elevations	5%	Concept in the elevation, identity, style, integration.		
<b>Elevation</b> (At Least Elevations )	Sustainability	5%	Sustainability consideration impact on Elevations design .	S4 V1	
4. I (	Aesthetic	10%	<ul> <li>Apply a clear diversity in the Facade elements realizing the aesthetic, and There are shades that clearly reflect the Facade design components.</li> </ul>		
5. Visualization	Exterior and Interior Perspectives	5%	The perspective shots were chosen to confirm the idea of the project, and     The shots shown represent the analysis and designs provided.	S1 S3	
5. Visi	Physical Model	5%	The Model/ Maket should clarify the idea of the project, above all, show the project masses on land and car parking.		
6. Presentation	Graphical & Oral Presentation	5%	<ul> <li>Drawing Conventions &amp; Presentation,</li> <li>Drawing Clear Narration,</li> <li>Line Types and Weights,</li> <li>Solid (seen), Dashed (hidden), and Scale, Annotations,</li> <li>North Direction,</li> <li>Innovative Poster Design</li> </ul>		

OVERALL	100 %	Name:	Signature:	Total
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## Thanks to the creators of this guide



Head of Architecture Department
Dr. Mohammed Albadrani



Member of the Academic Affairs Committee

Dr. Sherif Elsayed





# **Studio Guide**

Architecture & Planning College