



Program Learning Outcomes Assessment Plan

University	Umm Al-Qura University					
College	Engineering and Architecture					
Program title	Architecture and Planning					
Programs Level (Academic Degree)	Associate Diploma	Diploma	Bachelor	Higher Diploma	Master	Doctorate
			✓			
Campuses and Colleges Offering the Program	Makkah	Al-Laith	Al-Qunfudhah	Al-Jumum	Adham	
	✓					
	College of Engineering and Architecture	College:	College:	College:	College:	
Timeframe of the Assessment Plan Cycle	Starts from year-----			-----Ends in year		

Department Head Approval:

Name: OumrAdnan Osra.....

Signature: 

Date: 25/6/2025



First: Program Learning Outcomes

Domain	Learning Outcome Code	Learning Outcome Statement
Knowledge & Understanding	K1	Demonstrate a comprehensive understanding of the built environment.
	K2	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.
	K3	Demonstrate an in-depth understanding of professional ethics, regulatory, and responsibilities of architects.
	K4	Explain concepts of mathematics and scientific theories relevant to architecture.
Skills	S1	Make decisions for complex design problems in creative and scientific manners.
	S2	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.
	S3	Apply scientific research for complex issues of the built environment.
	S4	Execute drawings, craftworks and physical models efficiently.
	S5	Communicate in different forms to demonstrate understanding and transfer knowledge.
Values, Autonomy & Responsibility	V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.
	V2	Demonstrate personal, professional and social responsibility.



Second: Course-To-Program Learning Outcomes Alignment Matrix:

Courses		Knowledge & Understanding				Skills				Values, Autonomy & Responsibility			
Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Architectural Formation Principles Studio 1	ARC 1001	1*							1		1	1	
Architectural Drawings and Presentation	ARC 1302	1							1*		1		
Ancient Civilizations and Medieval Architecture	ARC 1309	1						1*				1	
Mathematics for Architects	MTH 1601				1	1					1	1	
English Language	ELCN1301									1	1	1	
Islamic Culture 1	ICC 1201						1				1	1	
Architectural Formation Principles Studio 2	ARC 1002	1*				1			1		1		
Architectural Models	ARC 1306	1				1*			1			1	
Design Process and Methods	ARC 1308	1				1					1*		
Shade, Shadow and Perspective	ARC 1303	1							1			1*	
English Language	ELCN1302									1	1	1	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Digital Technology	DS1101	1								1		1	
Fundamental Design Principles Studio	ARC 1003	1				1			1*		1		
Buildings Design Standards 1	ARC 1314	1						1*			1		
Elective Course 1	ARC 140#	1							1	1	1		
Physics for Architects	PHY 1115				1	1					1	1	
English Language	ELCN1303									1	1	1	
The Holy Quran 1	QR 1101						1				1	1	
Architectural Design Studio 1: Small Scale Public Buildings	ARC 1004	1				1			1		1*		
Building Construction Studio 1: Site Preparation	ARC 1101		1*			1			1			1	
Vector-based Drawing	ARC 1203	1				1				1*		1	
Introduction to Landscape Architecture	ARC 1315	1				1		1				1	
Architecture of Islamic Civilization	ARC 1310	1					1*	1			1		
Surveying	CE 1632				1	1					1	1	
Islamic Culture 2	ICC 2202						1				1	1	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Architectural Design Studio 2: Medium Scale Public Building	ARC 1005	1				1					1		
Building Construction Studio 2: Components of Building Structure	ARC 1102		1*			1			1		1		
3D Modelling	ARC 1205	1				1				1*		1	
Local Architectural Heritage	ARC 1304	1						1				1	
Renaissance and Pre-modern Architecture	ARC 1311	1						1				1	
Environmental Control Systems	ARC 1317	1				1						1	
Structure 1	CE 1450				1	1					1	1	
Architectural Design Studio 3: Vernacular Architecture	ARC 1006	1				1*					1		
Building Construction Studio 3: Components of Building Str	ARC 1103		1			1			1		1		
Creative Generative-Design	ARC 1201	1				1				1		1	
Buildings' Technical Installations	ARC 1307	1	1					1				1	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Principles of Urban Design	ARC 1313	1						1			1		
Elective Course 2 Vocabulary if Islamic Arch*	ARC 1411	1					1*	1			1		
The Holy Quran 2	QR 2102						1				1	1	
Architectural Design Studio 4: Conventional Structure Syst	ARC 1007	1	1			1					1	1*	
Building Construction Studio 4: Technical Drawings	ARC 1104		1			1			1		1		
Principles of Urban Planning	ARC 1312	1						1			1		
Structure Systems in Architecture	ARC 1316		1			1		1			1	1	
Introduction to Urban Design Studio	ARC 1109	1				1					1		
Structure 2	CE 2452				1	1					1	1	
Architectural Design Studio 5: Long Spans	ARC 1008	1	1			1					1	1	
Building Construction Studio 5: Finishes	ARC 1105	1						1	1		1		
Sustainable Architecture	ARC 1305	1				1		1			1		



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Elective Course 3	ARC 142#	1						1			1		
Introduction to Urban Planning Studio	ARC 1110	1						1				1	
Structure 3	CE 2454				1	1					1	1	
Cooperative Training	ARC 1500	1		1*		1					1	1	
Digital Architectural Photography	ARC 1401	1							1	1	1		
Arabic Calligraphy and Ornamentation	ARC 1402	1							1	1	1		
Graphic Design Principles	ARC 1403	1							1	1	1		
Vocabulary of Islamic Architecture	ARC 1411	1					1	1			1		
Contemporary Mosques Architecture	ARC 1412	1					1	1			1		
Architecture of the Two Holy Mosques	ARC 1413	1					1	1			1		
Introduction to Urban Spaces Analysis	ARC 1421	1						1			1		
Sustainable Landscape Architecture	ARC 1422	1						1			1		
Urban topics in Hajj and Umrah	ARC 1423	1					1	1			1		



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Architectural Design Studio 6: Sustainable Buildings	ARC 2009	1				1					1	1	
Execution Design Studio of Residential Buildings	ARC 2107		1			1			1			1	
Environmental Simulation	ARC 2204	1				1						1	
Twentieth Century Architecture	ARC 2327	1						1			1	1	
Buildings Design Standards 2	ARC 2329	1						1			1		
Interior Design	ARC 2325	1				1					1		
The Holy Quran 3	QR 3103						1				1	1	
Architectural Design Studio 7: Mixed-Use Buildings	ARC 2010	2				2					2		
Execution Design Studio of Public Buildings	ARC 2108		2			2			2			2	
Digital Fabrication and Prototyping	ARC 2206	2				2			2			2	
Creativity in Architecture	ARC 2318	2				2		2			2	2	
Conservation of Architectural Heritage	ARC 2320	2						2				2	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Islamic Culture 3	ICC 3203						2				2	2	
Arabic Writing and Editing	ARS 1500									2	2	2	
Architectural Design Studio 8: Conservation of Heritage Bui	ARC 2011	2				2						2	
Execution Design Studio of Blow -Ups Detailing	ARC 2106		2			2			2			2	
Professional Practice for Architects	ARC 2322			2*		2						2	
Architecture of Mega Structures	ARC 2323	2	2					2				2	
Applications of the Saudi Building Code in Architecture	ARC 2326		2					2				2	
Elective Course 1: Architecture	ARC 240#	2				2				2	2	2	
Elective 1 (General Course)	0										2	2	
Architectural Design Studio 9: Professional Practice	ARC 2012	2		2		2						2	
Graduation Project Research: Architecture	ARC 2324	2		2				2				2	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Computer-Based Architectural Project Management 1	ARC 2207	2				2						2	
Smart Buildings	ARC 2321	2				2		2				2	
Universal Design	ARC 2319	2				2						2	
Biomimetic Architecture	ARC 2328	2				2					2		
Islamic Culture 4	ICC 4204						2				2	2	
Graduation Project Studio 1: Architecture	ARC 3013	3				3					3		
Computer-Based Architectural Project Management 2	ARC 3208	3				3						3	
Human and Environment	ARC 3321	3						3		3	3		
Resilient design	ARC 3322	3				3						3	
The Holy Quran 4	QR 4104						3				3	3	
Elective 2 (General Course)	0										3	3	
Graduation Project Studio 2: Architecture	ARC 3014	3				3						3	
Economics of Architectural Projects	ARC 3320	3				3					3		



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Architecture of the Future	ARC 3323	3				3		3			3	3	
Elective Course 2: Architecture	ARC 340#	3						3			3	3	
Elective 3 (General Course)	0										3	3	
Photorealistic Rendering Techniques	ARC 2401	2				2				2	2	2	
Computer Modelling in Building Construction	ARC 2402	2				2				2	2	2	
Computerized Applications of Crowd Studies in Architectur	ARC 2403	2				2				2	2	2	
Human Factors in Architecture	ARC 3401	3						3			3	3	
Architectural Criticism	ARC 3402	3						3			3	3	
Selected Topics in Architecture	ARC 3403	3						3			3	3	
Urban Design Studio 1: Existing Areas Development	ARC 3031	1				1						1	
Urban Spatial Analysis Studio	ARC 3131	1				1		1			1		



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Urban Information Systems	ARC 3231	1				1						1	
Urban Environmental Control	ARC 3331	1				1						1	
Urban Morphology	ARC 3332	1						1				1	
Housing	ARC 3333	1						1				1	
The Holy Quran 3	QR 3103						1				1	1	
Urban Design Studio 2: New Areas Development	ARC 3032	2				2					2		
Urban Design Details Studio	ARC 3132	2				2			2		2		
Urban Virtual and Augmented Reality	ARC 3232	2				2						2	
Advanced studies in Landscape Architecture	ARC 3334	2	2					2				2	
Introduction to Sustainable Urban Design	ARC 3335	2				2	2					2	
Islamic Culture 3	ICC 3203						2				2	2	
Arabic Writing and Editing	ARS 1500									2	2	2	
Urban Design Studio 3: Sustainability	ARC 3033	2				2						2	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Landscape Architecture Studio	ARC 3133	2				2					2		
Conservation of Heritage Sites	ARC 3336	2						2				2	
Streets Planning and Design	ARC 3337	2				2		2				2	
Humanizing the Cities	ARC 3338	2						2				2	
Elective Course 1: Urban Design	ARC 343#	2						2		2	2	2	
Elective 1 (General Course)	0										2	2	
Urban Design Studio 4: Urban Heritage Conservation	ARC 3034	2		2		2						2	
Graduation Project Research: Urban Design	ARC 3339	2		2				2				2	
Cities Centers	ARC 3340	2						2			2		
Urban Sociology	ARC 3341	2						2			2		
Principles of Urban Mobility	ARC 3342	2						2			2		
Public Transportation Planning and Management	ARC 3343	2						2				2	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Islamic Culture 4	ICC 4204						2				2	2	
Graduation Project Studio 1: Integrated Urban Design	ARC 4035	3				3					3		
Crowd Management	ARC 3344	3				3		3				3	
Smart Urban Spaces	ARC 3345	3	3					3			3		
Urban Way finding	ARC 3346	3				3					3		
The Holy Quran 4	QR 4104	3					3				3	3	
Elective 2 (General Course)	0										3	3	
Graduation Project Studio 2: Integrated Urban Design	ARC 4036	3				3						3	
Professional Practice of Urban Design	ARC 4347			3		3						3	
Future Urbanism	ARC 4348	3						3				3	
Elective Course 2: Urban Design	ARC 444#	3						3		3	3	3	
Elective 3 (General Course)	0										3	3	
Temporary Urbanism	ARC 3431	2						2		2	2	2	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Project Management for Planners	ARC 3432	2						2		2	2	2	
Terminals Planning and Design	ARC 3433	2						2		2	2	2	
Fundamentals of Real Estate Development	ARC 4441	3						3		3	3	3	
Ecotourism Planning	ARC 4442	3						3		3	3	3	
Selected Topics in Urban Design	ARC 4443	3						3		3	3	3	
Urban Planning Studio 1: Neighborhood	ARC 3051	1				1					1		
Urban Spatial Analysis Studio.	ARC 3151	1				1		1			1		
Urban Information Systems.	ARC 3251	1				1						1	
Urban Planning Theories	ARC 3351	1				1						1	
Advanced studies in Landscape Architecture.	ARC 3352	1	1					1				1	
Housing.	ARC 3353	1						1				1	
The Holy Quran 3	QR 3103						1				1	1	
Urban Planning Studio2: Residential District	ARC 3052	2				2					2		



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Landscape Architecture Studio.	ARC 3152	2				2					2		
Advanced Urban Information Systems	ARC 3252	2				2						2	
Urban Transportation Planning	ARC 3354	2						2				2	
Urban Service Facilities	ARC 3355	2						2				2	
Islamic Culture 3	ICC 3203						2				2	2	
Arabic Writing and Editing	ARS 1500									2	2	2	
Urban Planning Studio 3: New City	ARC 3053	2				2					2		
Detailed Urban Planning Studio	ARC 3153	2		2		2					2		
Computer Applied Statistics	ARC 3253	2				2		2				2	
Regional Planning	ARC 3356	2						2				2	
Cities and Climate Change	ARC 3357	2						2				2	
Elective Course 1: Urban Planning	ARC 345#	2						2		2	2	2	
Elective 1 (General Course)	0										2	2	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Urban Planning Studio 4: Regional Planning	ARC 3054	2				2		2			2		
Graduation Project Research: Urban Planning	ARC 3358	2		2				2				2	
Urban Governance	ARC 3359	2		2				2				2	
Sustainable Cities	ARC 3360	2				2						2	
Urban Infrastructure	ARC 3361	2	2					2				2	
Public Transportation Planning and Management.	ARC 3362	2						2				2	
Islamic Culture 4	ICC 4204						2				2	2	
Graduation Project Studio 1: Urban Planning	ARC 4055	3				3					3		
Urban Economics	ARC 4363	2				3					3		
Urban Sociology and Population	ARC 4364	2						3			3		
Smart Cities	ARC 4365	2	3			3						3	
The Holy Quran 4	QR 4104						3				3	3	
Elective 2 (General Course)	0	3									3	3	
Graduation Project Studio 2: Urban Planning	ARC 4056	3				3						3	



Course Title	Course Code	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	
Multicriteria Assessment of Urban Development Projects	ARC 4366	3						3				3	
Professional Practice of Planning	ARC 4367			3		3						3	
Elective Course 2: Urban Planning	ARC 446#	3						3		3	3	3	
Elective 3 (General Course)	0										3	3	
Urban Indicators	ARC 3451	2						2		2	2	2	
Technology and Desert Development	ARC 3452	2						2		2	2	2	
Urban Development in Saudi Arabia	ARC 3453	2						2		2	2	2	
Selected Topics in Urban Planning	ARC 4461	3						3		3	3	3	
Advanced Topics in Urban Transportation	ARC 4462	3						3		3	3	3	
Planning Decision-Making Systems	ARC 4463	3						3		3	3	3	

1 – Foundation

2 – Practice

3 – Proficiency

*** Indicates a Point of Assessment**



Third: Inventory of Courses to be Assessed for Each Learning Outcome

Program Learning Outcome Code	Courses Designated for Assessment				Course Learning Outcome Code Linked to Program Learning Outcome	Methods of Evaluation
	Course Code	Course Title	Course Level in the Study Plan	Academic Semester (First - Second)		
K1	ARC 1001	Architectural Formation Principles Studio1*	1	1 st	K1-c	Assignments & Tasks Oral presentations
	ARC 1002	Architectural Formation Principles Studio 2 *	2	2 nd	K1-b	Assignments & Tasks Oral presentations
	ARC 1007	Architectural Design Studio 4: Structure Systems	7	1 st	K1-b	Oral presentations
K2	ARC 1101	Building Construction Studio1:Site Preparation *	4	1 st	K2-c	Assignments & Tasks Drawing Exam
	ARC 1102	Building Construction Studio 2: Components of Building Structure *	5	2 nd	K2-d	Assignments & Tasks Drawing Exam
	ARC 1007	Architectural Design Studio 4: Conventional Structure Systems	7	1 st	K2-a	Assignments & Tasks Eval. Of Project (s)
K3	ARC 1500	Cooperative Training *	9	3 rd	K3-a	Direct Observation
	ARC 2322	Professional Practice for Architecture *	12	3 rd	K3-b	Written Exam
K4	MTH 1601	Mathematics for Architects *	1	1 st	K4-a	Written Exam
	CE 1632	Survey*	4	1 st	K4-a	Written Exam



S1	ARC 1306	Architectural Models*	2	2 nd	S1-c	Model Exam
	ARC 1006	Architectural Design Studio 3: Vernacular Architecture *	6	3 rd	S1-d	Oral presentations
	ARC 1201	Creative Generative-Design	6	3 rd	S1-j	Computer Based Exam
S2	ARC 1310	Architecture of Islamic Civilization*	4	1 st	S2-a	Written Exam
	ARC 1411	Vocabulary of Islamic Architecture *	6	3 rd	S2-a	Written Exam
	ARC 1413	Architecture of the Two Holy Mosques	8	2 nd	S2-a	Written Exam
S3	ARC 1309	Ancient civilizations and Medieval Architecture *	1	1 st	S3-a	Written Exam
	ARC 1314	Buildings Design Standards 1 *	3	3 rd	S3-a	Written Exam
S4	ARC 1003	Fundamental Design Principles Studio *	1	3 rd	S4-a	Assignments & Tasks Oral presentations
	ARC 1302	Architectural Drawings and Presentation *	1	1 st	S4-c	Assignments & Tasks
S5	ARC 1203	Vector-based Drawing*	4	1 st	S5-b	Lab Assignments
	ARC 1205	I3D Modeling*	5	2 nd	S5-b	Computer Exam
V1	ARC 1308	Design Process and Methods *	1	2 nd	V1-a	Written Exam
	ARC 1004	Architectural Design Studio 1: Small Scale Public Buildings*	4	1 st	V1-a	Assignments & Tasks Oral presentations
V2	ARC 1303	Shade, Shadow and Perspective*	2	2 nd	V2-d	Drawing Exam
	ARC 1007	Architectural Design Studio 4: Conventional Structure Systems*	7	1 st	V2-b	Oral presentations



Fourth: Assessment Methods and Their Weight Distribution:

	Direct Assessments			Indirect Assessments	
	Results of Course Learning Outcomes Assessment (A Fundamental Component in Any (Plan	Exit Exam Results	National and International Assessments Results	Survey Results of Expected Graduates (Self-Assessment Of Learning Outcomes)	Employers' Survey Results
Relative weight	70%	N/A	N/A	86.83%	80.4%

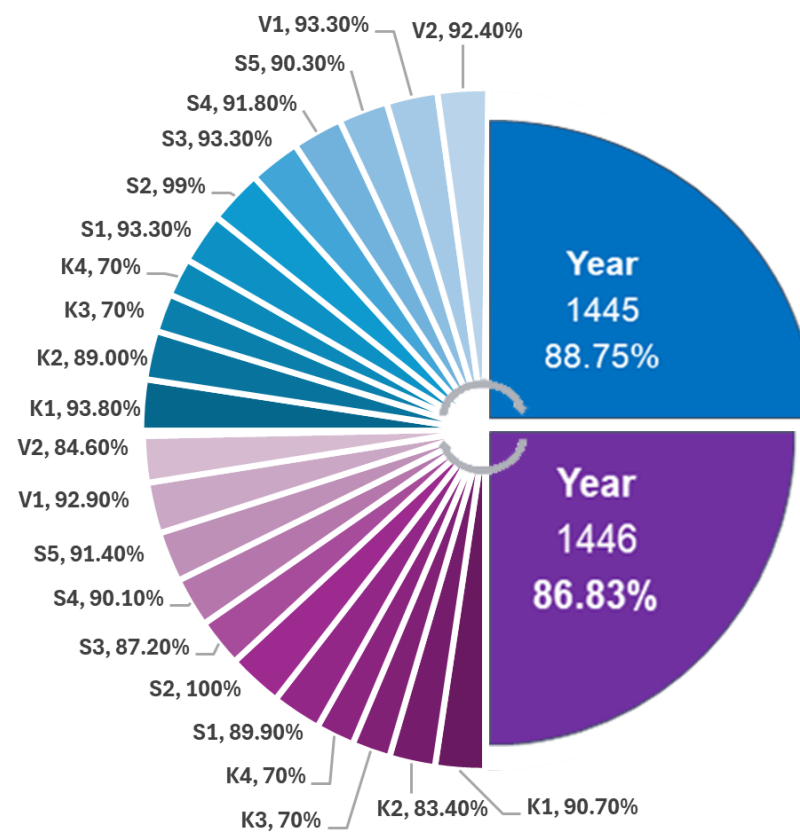


Fifth: Key Performance Indicators (KPIs)

Program's Learning Outcome	Performance Indicator Code	Indicator Description
K	K-1	70% of students scoring 70% and above the Targeted Performance, Assessment Results are 90.7%
	K-2	70% of students scoring 70% and above the Targeted Performance, Assessment Results are 90.7%
	K-3	Percentage of students achieving $\geq 70\%$ in course assessments addressing application of mathematics, science, and engineering fundamentals to complex problems.
	K-4	Percentage of students achieving $\geq 70\%$ in course assessments addressing application of mathematics, science, and engineering fundamentals to complex problems.
S	S-1	70% of students scoring 70% and above the Targeted Performance, Assessment Results are 89.9%
	S-2	Percentage of employers and alumni indicating satisfaction ($\geq 80\%$) with graduates' teamwork and communication competencies, Assessment Results are 100%
	S-3	70% of students scoring 70% and above the Targeted Performance, Assessment Results are 87.2%
	S-4	70% of students scoring 70% and above the Targeted Performance, Assessment Results are 90.1%
	S-5	70% of students scoring 70% and above the Targeted Performance, Assessment Results are 91.4%
V	V-1	Percentage of employers indicating satisfaction ($\geq 80\%$) with graduates' integrity, professionalism, and adherence to ethical codes. Assessment Results are 92.9%
	V-2	70% of students scoring 70% and above the Targeted Performance, Assessment Results are 84.6%



Sixth: Program Learning Outcomes Cycle:





Seventh: Detailed Action Steps and Responsibilities Assignment:

Performance Indicator Code	Implementation Steps	Implementation Responsibility	Tools	Implementation Date
K-1	<ul style="list-style-type: none"> According to the questionnaire, this ILO Demonstrate a comprehensive understanding of the built environment. 70% of scoring 70% and above 90% 	Quality committee	Project Rubrics, Student Work Samples	Fall/2025
K-2	<ul style="list-style-type: none"> According to the questionnaire, for the ILO "Demonstrate an in-depth understanding of systems, technologies, safety, and assemblies of the built environment," scored 83.4%; therefore, it is suggested that calibration workshops be conducted. 	Quality committee	Project Rubrics, Student Work Samples	Fall/2025
K-3	<ul style="list-style-type: none"> According to the questionnaire, this ILO demonstrates an in-depth understanding of professional ethics, regulatory frameworks, and responsibilities of architects, but it is marked at 70%; it can be revised in a new plan and reviewed via moderation. 	Program Assessment Committee	Employer & Alumni Surveys.	Fall/2025
K-4	<ul style="list-style-type: none"> According to the questionnaire, this ILO explains concepts of mathematics and scientific theories relevant to architecture, but it is 70%; it can be revised in a new plan and add analytical and problem-solving exam components. 	Quality committee	Exam Blueprints, Moderation Reports	Fall/2025



S-1	<ul style="list-style-type: none"> According to the questionnaire, for the ILO "Make decisions for complex design problems in creative and scientific manners," which scored 89.9% and above; therefore, it is suggested that sustainability and safety sections be added in design projects. Awareness should be assessed through project rubrics. 	Quality committee	Project Rubrics, Student Work Samples	Fall/2025
S-2	<ul style="list-style-type: none"> According to the questionnaire, for the ILO "Analyze Islamic values and their impact on the formation of the human and built environment at multiple scales," which scored 99% and above. 	Quality committee	-	Fall/2025
S-3	<ul style="list-style-type: none"> According to the questionnaire, this ILO "applies scientific research to complex issues of the built environment" which scored 87.2%. Therefore, the new plan should focus on incorporating applications of scientific research into the courses. Graduates' engineering-system improvement skills should be evaluated. Performance data should be retained for accreditation review. 	Course Instructors	scientific research, Presentation	Fall/2025



S-4	<ul style="list-style-type: none"> According to the questionnaire, this ILO "Execute drawings, craftworks and physical models efficiently." which scored 90.1% Therefore, the new plan should focus on Include presentations, Conduct workshops for oral presentation. 	Course Instructors	Presentation Rubrics	Fall/2025
S-5	<ul style="list-style-type: none"> According to the questionnaire, for the ILO "Communicate in different forms to demonstrate understanding and transfer knowledge," which scored 91.4%, the new plan should focus on including communication rubrics in reports and presentations; workshops for writing and oral presentation should be conducted. 	Course Instructors	Presentation Rubrics	Fall/2025
V-1	<ul style="list-style-type: none"> According to the questionnaire, for the ILO "Demonstrate self-discipline, punctuality, and commitment to all required tasks," which scored 92.9 and above, it is suggested that employer feedback on professionalism be collected, and the data be used for continuous-improvement meetings. 	Quality committee	Employer & Alumni Surveys	Fall/2025
V-2	<ul style="list-style-type: none"> According to the questionnaire, this ILO "demonstrates personal, professional, and social responsibility", which scored 84.6%. Therefore, the program needs to focus on the training aspect and personal, professional, and social responsibilities. 	Quality committee	Employer & Alumni Surveys...	Fall/2025



Eighth: Tools

(Attachments may include any tables or used tools, e.g., survey templates, program final exam results analysis forms, or similar tools).

Staff questionnaire (2024/2025)

Staff Survey Report – (2024/2025)

Students' questionnaire (2024/2025)

Students Survey Report (2024/2025)

Graduate statistics (2024/2025)

Annual questionnaire (2024/2025)

<https://forms.gle/zSC5SkEzUuiztsSy8>

[https://docs.google.com/forms/d/e/1FAIpQLSdqjX9ufRjR8Bsu2qznPOx9fj8swUv9RG_ZV2MmlPgCZs1ldg/vi
ewform?usp=header](https://docs.google.com/forms/d/e/1FAIpQLSdqjX9ufRjR8Bsu2qznPOx9fj8swUv9RG_ZV2MmlPgCZs1ldg/viewform?usp=header)

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Program Learning Outcomes Assessment Plan

University	Umm Al-Qura University					
College	Engineering and Architecture					
Program title	Architecture and Planning					
Programs Level)Academic Degree(Associate Diploma	Diploma	Bachelor	Higher Diploma	Master	Doctorate
			✓			
Campuses and Colleges Offering the Program	Makkah		Al-Laith	Al-Qunfudhah	Al-Jumum	Adham
	✓					
	College of Engineering and Architecture		College:	College:	College:	College:
Timeframe of the Assessment Plan Cycle	Starts from year 1446			Ends in year 1447		
	Academic Year	First Semester	Second Semester	Third Semester		

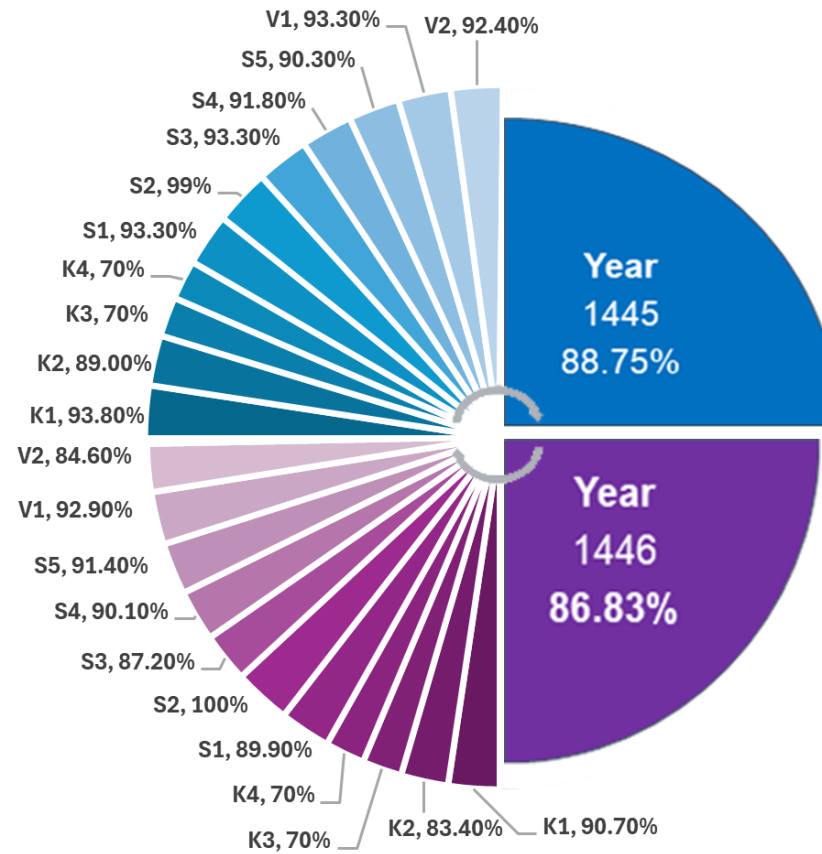


First: Program Learning Outcomes

Domain	Learning Outcome Code	Learning Outcome Statement
Knowledge & Understanding	K1	Demonstrate a comprehensive understanding of the built environment.
	K2	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.
	K3	Demonstrate an in-depth understanding of professional ethics, regulatory, and responsibilities of architects.
	K4	Explain concepts of mathematics and scientific theories relevant to architecture.
Skills	S1	Make decisions for complex design problems in creative and scientific manners.
	S2	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.
	S3	Apply scientific research for complex issues of the built environment.
	S4	Execute drawings, craftworks and physical models efficiently.
	S5	Communicate in different forms to demonstrate understanding and transfer knowledge.
Values, Autonomy & Responsibility	V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.
	V2	Demonstrate personal, professional and social responsibility.



Second: Program Learning Outcomes Cycle:





Third: Learning Outcomes Assessment Results for Each Outcome According to the Plan's Timeline

Learning Outcomes Assessment Results For the academic year 1446 (AH) specified in the following table:	
Domin	Learning Outcome Code
Knowledge & Understanding	K1
	K2
	K3
	K4
Skills	S1
	S2
	S3
	S4
	S5
Values, Autonomy & Responsibility	V1
	V2



Assessment Results of Program Outcome (K1)											
Year of Assessment	1446	Outcome code	K1	Learning outcome statement	Demonstrate a comprehensive understanding of the built environment.						
First: Direct Assessment											
Key Performance Indicator			"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."								
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester	Architectural Formation Principles Studio 1	ARC 1101	K1-c	Demonstrate an understanding of the basics of architectural formation.	Assignments & Tasks	✓	-	91			✓
	Architectural Design Studio 4: Conventional	ARC 1007	K1-B	Define functional requirements and relationships for different sectors of the built environment.	Eval. Of Research	✓	-	89			✓



Second Semester	Architectural Design Studio 5: Long Spans	ARC 1008	K1-B	Define functional requirements and relationships for different sectors of the built environment.	Eval. Of Research	✓	-	91			✓
Third Semester	Creative Generative-Design	ARC 1201	K1-D	Demonstrate an understanding of various ways of representing the built environment	Assignments & Tasks	✓	-	90			✓
	Architecture of the Two Holy Mosques	ARC 1413	K1-F	Demonstrate an understanding of theories of the built environment.	Written Exam	✓	-	92			✓
Result of Direct Assessment (91%) Through Courses:								Average Course Assessment Rate			
2- Direct Assessment Through the Program's Final Exam:											
Percentage of students achieving 70% or higher on program outcome questions in the final exam									91%		
Second: Indirect Assessment											
Key Performance Indicator		An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates									
Average Employers' Evaluation of Graduates' Performance on Learning Outcome						90%					
Average Graduate Evaluation of Learning Outcome						92.2%					
Average Indirect Assessment						90%					



Overall Assessment Result of the Program Learning Outcome :(90.7%)

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		90	✓		88	✓		92	✓		90	90.5 %					✓
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							90.7%											
Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 90.7% Improvement Recommendations: New plan 1447																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (K2)											
Year of Assessment	1446	Outcome code	K2	Learning outcome statement	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.						
First: Direct Assessment											
Key Performance Indicator		"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."									
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester	Architectural Design Studio 4: Conventional Structure Systems	ARC 1007	K2-A	Differentiate between various types of building materials, building technologies and structural systems.	Multiple Choice Exam	✓	-	91			✓



Second Semester	Architectural Design Studio 5: Long Spans	ARC 1008	K2-A	Differentiate between various types of building materials, building technologies and structural systems.	Multiple Choice Exam	✓	-	78			✓
Third Semester											
Result of Direct Assessment (...84.5%...) Through Courses:							Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:											
Percentage of students achieving 70% or higher on program outcome questions in the final exam									84.5%		
Second: Indirect Assessment											
Key Performance Indicator		An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates									
Average Employers' Evaluation of Graduates' Performance on Learning Outcome						78%					
Average Graduate Evaluation of Learning Outcome						90%					
Average Indirect Assessment						79.5%					
Overall Assessment Result of the Program Learning Outcome: (82.5%)											



Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		91	✓		88	✓		78	✓		81	83%					✓
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							83.4%											
<p>Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 80% Improvement Recommendations: New plan 1447</p>																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (K3)											
Year of Assessment	1446	Outcome code	K3	Learning outcome statement	Demonstrate an in-depth understanding of professional ethics, regulatory, and responsibilities of architects.						
First: Direct Assessment											
Key Performance Indicator		"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."									
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester	Surveying	CE 1632	K3-a	Identify professional ethics and responsibilities related to the built environment	Assignments & Tasks	✓	-	70%		✓	
Second Semester	Structure 1	CE 1632	K3-b	Identify the relevant laws, rules and legislations that regulate the built environment.	Assignments & Tasks	✓	-	70%		✓	
Third Semester	Structure 2	CE 1632	K3-a	Identify professional ethics and responsibilities related to the built environment	Assignments & Tasks	✓		70%		✓	



Result of Direct Assessment (.70%..) Through Courses:		Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:						
Percentage of students achieving 70% or higher on program outcome questions in the final exam					70%	
Second: Indirect Assessment						
Key Performance Indicator	An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates					
Average Employers' Evaluation of Graduates' Performance on Learning Outcome	70%					
Average Graduate Evaluation of Learning Outcome	70%					
Average Indirect Assessment	70%					



Overall Assessment Result of the Program Learning Outcome : (70%)

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		70	✓		70	✓		70	✓		70	70%				✓	
Weight	0.5			0.1						0.4							✓	
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							70%											
<p>Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 70% Improvement Recommendations: New plan 1447</p>																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (K4)											
Year of Assessment	1446	Outcome code	K4	Learning outcome statement	Explain concepts of mathematics and scientific theories relevant to architecture.						
First: Direct Assessment											
Key Performance Indicator			"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."								
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester	Surveying	CE 1632	K4-b	Demonstrate an understanding of engineering concepts relevant to the built environment.	Assignments & Tasks	✓	-	70%		✓	
Second Semester	Structure 1	CE 1632	K4-b	Demonstrate an understanding of engineering concepts relevant to the built environment.	Assignments & Tasks	✓	-	70%		✓	
Third Semester	Structure 2	CE 1632	K4		Assignments & Tasks	✓	-	70%		✓	



Academic Semester											
Result of Direct Assessment (..70%...) Through Courses:						Average Course Assessment Rate					
2- Direct Assessment Through the Program's Final Exam:											
Percentage of students achieving 70% or higher on program outcome questions in the final exam										70%	
Second: Indirect Assessment											
Key Performance Indicator	An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates										
Average Employers' Evaluation of Graduates' Performance on Learning Outcome						70%					
Average Graduate Evaluation of Learning Outcome						70%					
Average Indirect Assessment						70%					



Overall Assessment Result of the Program Learning Outcome : 70%

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		70	✓		70	✓		70	✓		70	70%				✓	
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							70%											
Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 70% Improvement Recommendations: New plan 1447																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (S1)											
Year of Assessment	1446	Outcome code	S1	Learning outcome statement	Make decisions for complex design problems in creative and scientific manners.						
First: Direct Assessment											
Key Performance Indicator			"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."								
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester	Architectural Design Studio 4: Conventional	ARC 1007	S1-C S1-D S1-E	Make decisions for complex design problems in creative and scientific manners.	Eval. Of Project(s)	✓		93.4		✓	
Second Semester	Architectural Design Studio 5: Long Spans	ARC 1008	S1-C S1-E	Apply the knowledge of bearing structure and materials selection	Eval. Of Project(s)	✓		83.9		✓	



Third Semester	Creative Generative-Design	ARC 1201	S1-J	Effectively employ digital skills in different stages of designing the built environment.	Computer Based Exam	✓		92.4			✓
Result of Direct Assessment (90) Through Courses:							Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:											
Percentage of students achieving 70% or higher on program outcome questions in the final exam									89%		
Second: Indirect Assessment											
Key Performance Indicator		An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates									
Average Employers' Evaluation of Graduates' Performance on Learning Outcome						92.4					
Average Graduate Evaluation of Learning Outcome						83.9					
Average Indirect Assessment						93.9					



Overall Assessment Result of the Program Learning Outcome: 89.9%

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		93	✓		92	✓		85			83.9	89.9%				✓	
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							89.9%											
<p>Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 70% Improvement Recommendations: New plan 1447</p>																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (S2)											
Year of Assessment	1446	Outcome code	S2	Learning outcome statement	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.						
First: Direct Assessment											
Key Performance Indicator			"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."								
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester											
Second Semester											
Third Semester	Architecture of the Two	ARC 1413	S2-A	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple	Written Exam	✓		99.6			✓



	Holy Mosques			scales.							
Result of Direct Assessment (99.6) Through Courses:							Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:											
Percentage of students achieving 70% or higher on program outcome questions in the final exam											
Second: Indirect Assessment											
Key Performance Indicator		An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates									
Average Employers' Evaluation of Graduates' Performance on Learning Outcome						99					
Average Graduate Evaluation of Learning Outcome						100					
Average Indirect Assessment						100					



Overall Assessment Result of the Program Learning Outcome : 100%

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		99	✓		99			100	✓		100	99.9%					✓
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							100%											
Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 99% Improvement Recommendations: New plan 1447																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (S3)											
Year of Assessment	1446	Outcome code	S3	Learning outcome statement	Apply scientific research for complex issues of the built environment.						
First: Direct Assessment											
Key Performance Indicator			"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."								
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester											
Second Semester											
Third Semester	Architecture of the Two Holy Mosques	ARC 1413	S3-A	Independently seek information and use it appropriately.	Eval. Of Research	✓		79.5		✓	



Result of Direct Assessment (88.2%) Through Courses:		Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:						
Percentage of students achieving 70% or higher on program outcome questions in the final exam						88.2%
Second: Indirect Assessment						
Key Performance Indicator	An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates					
Average Employers' Evaluation of Graduates' Performance on Learning Outcome	80					
Average Graduate Evaluation of Learning Outcome	88					
Average Indirect Assessment	93.8					



Overall Assessment Result of the Program Learning Outcome (87.2%)

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		94	✓		87	✓		80	✓		79	87%				✓	
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							87.2%											
Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 87.2% Improvement Recommendations: New plan 1447																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Result of Direct Assessment (90%) Through Courses:		Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:						
Percentage of students achieving 70% or higher on program outcome questions in the final exam					87.6%	
Second: Indirect Assessment						
Key Performance Indicator	An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates					
Average Employers' Evaluation of Graduates' Performance on Learning Outcome	92.7					
Average Graduate Evaluation of Learning Outcome	87					
Average Indirect Assessment	90.1					



Overall Assessment Result of the Program Learning Outcome : 90.1%

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		91	✓		91	✓		88	✓		87	90%					✓
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							90.1 %											
Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 70% Improvement Recommendations: New plan 1447																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (S5)											
Year of Assessment	1446	Outcome code	S5	Learning outcome statement	Communicate in different forms to demonstrate understanding and transfer knowledge.						
First: Direct Assessment											
Key Performance Indicator			"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."								
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory *	Excellent *
First Semester											
Second Semester											
Third Semester	Creative Generative-Design	ARC 1201	S5-B	Utilize computer programs effectively in communication	Assignments & Tasks	✓	-	90%			✓



Result of Direct Assessment (85%) Through Courses:		Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:						
Percentage of students achieving 70% or higher on program outcome questions in the final exam					85%	
Second: Indirect Assessment						
Key Performance Indicator	An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates					
Average Employers' Evaluation of Graduates' Performance on Learning Outcome	100					
Average Graduate Evaluation of Learning Outcome	82					
Average Indirect Assessment	91					



Overall Assessment Result of the Program Learning Outcome : 91.4%

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		99	✓		100	✓		90			81	91.4%					✓
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							91.4%											
<p>Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 70% Improvement Recommendations: New plan 1447</p>																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (V1)											
Year of Assessment	1446	Outcome code	V1	Learning outcome statement	Demonstrate self-discipline, punctuality and commitment to all required tasks.						
First: Direct Assessment											
Key Performance Indicator		"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."									
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester	Architectural Drawings and Presentation	ARC 1302	V1-B	Demonstrate respect to different points of view.	Direct Observation	✓	-	92.8			✓
	Architectural Design Studio 4: Conventional	ARC 1007	V1-A	Demonstrate self-discipline and punctuality.	Direct Observation	✓	-	90.6			✓



	1 Structure Systems										
Second Semester	Architectura 1 Design Studio 5: Long Spans	ARC 1008	V1-A	Demonstrate self-discipline and punctuality.	Direct Observation	✓		95.3			✓
Third Semester											
Result of Direct Assessment (92%) Through Courses:								Average Course Assessment Rate			
2- Direct Assessment Through the Program's Final Exam:											
Percentage of students achieving 70% or higher on program outcome questions in the final exam										92.3	
Second: Indirect Assessment											
Key Performance Indicator		An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates									
Average Employers' Evaluation of Graduates' Performance on Learning Outcome						91					
Average Graduate Evaluation of Learning Outcome						90					
Average Indirect Assessment						96					



Overall Assessment Result of the Program Learning Outcome : (92.9%)

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment	✓		95	✓		90.2	✓		90.4	✓		92.8	92.9				✓	
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							92.9%											
Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 92.9% Improvement Recommendations: New plan 1447																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Assessment Results of Program Outcome (V2)											
Year of Assessment	1446	Outcome code	V2	Learning outcome statement	Demonstrate personal, professional and social responsibility.						
First: Direct Assessment											
Key Performance Indicator			"At least 70% of students achieve 70% or higher in each Course Learning Outcome (CLO) contributing to the corresponding Program Learning Outcome (PLO)."								
1- Direct Assessment Through Courses:											
Selected Courses for Outcome Assessment			Course Learning Outcome Linked to Assessment			Course Learning Outcome Assessment Result			Outcome evaluation		
Academic Semester	Course Title	Course Code	Course Outcome Code	Course Learning Outcome Statement	Assessment Methods	Males	Females	Total	Week*	Satisfactory*	Excellent*
First Semester	Architectural Design Studio 4: Conventional Structure Systems	ARC 1007	V2-B	Demonstrate responsibility for self-learning and continuing personal and professional development.	Direct Observation	✓	-	78.7		✓	
Second Semester	Architectural Design Studio 5: Long Spans	ARC 1008	V2-B	Demonstrate responsibility for self-learning and continuing personal and professional development.	Direct Observation	✓	-	85		✓	



Third Semester	Creative Generative-Design	ARC 1201	V2-B	Demonstrate responsibility for self-learning and continuing personal and professional development.	Direct Observation	✓	-	90		✓	
Result of Direct Assessment (84%) Through Courses:							Average Course Assessment Rate				
2- Direct Assessment Through the Program's Final Exam:											
Percentage of students achieving 70% or higher on program outcome questions in the final exam									90		
Second: Indirect Assessment											
Key Performance Indicator		An average score of 3.5 or higher on a five-point scale, based on evaluations by employers and graduates									
Average Employers' Evaluation of Graduates' Performance on Learning Outcome						86					
Average Graduate Evaluation of Learning Outcome						90					
Average Indirect Assessment						86					



Overall Assessment Result of the Program Learning Outcome : 84.6%

Item	Assessment Through Courses			Assessment Via the Program's Final Exam			Overall Direct Assessment Score			Assessment Via Surveys of Employers and Graduates			Outcome Overall Assessment			Outcome Evaluation		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Poor*	Satisfactory*	Outstanding*
Assessment			90			78			88			85	84				✓	
Weight	0.5			0.1						0.4								
Weighted Assessment																		
Total Outcome Assessment After Calculating Weighted Scores for Both Direct and Indirect Measures							84.6%											
Comment on the Program-Level Learning Outcome Assessment: 70% of students scoring 70% and above Strengths: 70% of students scoring 70% Improvement Recommendations: New plan 1447																		
Excellent' indicates that over 80% of students met or exceeded the target score							Satisfactory' indicates that 60% to 80% of students met the target score							Weak' indicates that fewer than 60% of students met the target score				



Summary of the Program's Learning Outcomes Assessment for the Year 2024/2025


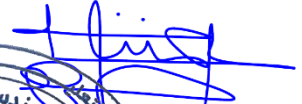
Domain	Learning Outcome Code	Outcome Statement	Target Performance Indicators	Assessment Result		Overall Weighted Assessment Score
				Direct	Indirect	
Knowledge & Understanding	K1	Demonstrate a comprehensive understanding of the built environment.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	54.42%	36.28%	95%
	K2	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	-	90.01%	90%
	K3	Demonstrate an in-depth understanding of professional ethics, regulatory, and responsibilities of architects.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	42%	28%	70%



	K4	Explain concepts of mathematics and scientific theories relevant to architecture.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	42%	28%	70%
Skills	S1	Make decisions for complex design problems in creative and scientific manners.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	53.94%	35.96%	90%
	S2	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	60%	40%	100%
	S3	Apply scientific research for complex issues of the built environment.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	52.32%	34.88%	90%
	S4	Execute drawings, craftworks and physical models efficiently.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	54.06%	36.04%	95%



	S5	Communicate in different forms to demonstrate understanding and transfer knowledge.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	54.84%	36.56%	95%
Values, Autonomy & Responsibility	V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	55.74%	37.16%	95%
	V2	Demonstrate personal, professional and social responsibility.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	50.76%	33.84%	90%

Approval of the Assessment Report for Specified Learning Outcomes for the Academic Year			
Report Author Name	Report Author Signature	Department Head Name	Department Head Approval
Dr.Mohamed Almhdly Dr.Mohamed Wahba		Dr.Oumr Osra	
Date: 26/6/2025			





Fourth: Overall Results of the Program Learning Outcomes Assessment Cycle

Domain	Learning Outcome Code	Outcome Statement	Target Performance Indicators	Assessment Result	
				Direct	Indirect
Knowledge & Understanding	K1	Demonstrate a comprehensive understanding of the built environment.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	54.42%	36.28%
	K2	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	-	90.01%
	K3	Demonstrate an in-depth understanding of professional ethics, regulatory, and responsibilities of architects.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	42%	28%
	K4	Explain concepts of mathematics and scientific theories relevant to architecture.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	42%	28%
Skills	S1	Make decisions for complex design problems in creative and scientific manners.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	53.94%	35.96%



	S2	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	60%	40%
	S3	Apply scientific research for complex issues of the built environment.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	52.32%	34.88%
	S4	Execute drawings, craftworks and physical models efficiently.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	54.06%	36.04%
	S5	Communicate in different forms to demonstrate understanding and transfer knowledge.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	54.84%	36.56%
Values, Autonomy & Responsibility	V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	55.74%	37.16%
	V2	Demonstrate personal, professional and social responsibility.	At least 70% of students achieve 70% or higher in the Course Learning Outcome (CLO)	50.76%	33.84%



Fifth: Comments on the Results of the Program Learning Outcomes Assessment Cycle

The Program Learning Outcomes (PLOs) assessment for the academic year 1446 AH indicates an outstanding overall attainment of 86.83%, exceeding the minimum target of 70%. All outcomes under the three domains (Knowledge, Skills, and Values) were achieved at or above the benchmark. This remarkable accomplishment highlights how effectively the curriculum equips students with knowledge and skills. Target performance is consistently attained, which is a credit to the program's well-organized curriculum, committed academic staff, and students' constant dedication. The results demonstrate a strong correlation between direct course assessments and indirect indicators from employer and graduate surveys, confirming that students graduate with a solid theoretical understanding, applied problem-solving abilities, and professional integrity. The overall attainment level is Outstanding, indicating strong alignment between course learning outcomes (CLOs) and program learning outcomes (PLOs).

Strengths	1- Direct assessments (through courses and via final exams) confirm that most students achieved or exceeded the 70% target threshold.
	2- Indirect assessments from both employers and graduates show high satisfaction with graduates' technical competence, communication, teamwork, and ethical responsibility.
	3- This remarkable accomplishment highlights how well the curriculum teaches students Knowledge and skills. Target performance is consistently attained, which is a credit to the program's well-organized curriculum, committed academic staff, and students' constant dedication.
	4- The assessment system demonstrates maturity, with clear documentation, mapping, and triangulation between direct and indirect measures.



Areas Requiring Improvement	1- Target performance is consistently attained, which is a credit to the program's well-organized curriculum, committed academic staff, and students' constant dedication, although there is limited incorporation of sustainability, entrepreneurship, and innovation aspects in selected design and urban design courses.
	2- Student exposure to site applications remains below optimal level due to limited practical training hours.
	3- While the program has achieved remarkable success in imparting knowledge and skills, certain areas still warrant focused attention and improvement as ILO's
Priorities for Improvement	1- Strengthen performance in practical and experimental skills (K3, K4) and problem-solving under real constraints to raise consistency across all PLOs.
	2- Encourage faculty calibration workshops to ensure uniform grading and assessment standards across courses. Identifying and addressing this specific skill gaps will enable students to consistently surpass target performance and achieve their full potential.
	3- Transparency and fairness in evaluation are enhanced through the integration of collaborative learning. Expand the use of capstone design projects and industry-linked assessments to reinforce PLO integration and applied learning.



Recommendations	1- A new plan (Plan 47) should be developed, and outcomes should continue to be monitored and benchmarked annually to maintain the outstanding rating and further approach excellence across all criteria.
	2- According to the questionnaire, the ILOs demonstrate an in-depth understanding of professional ethics, regulatory frameworks, and responsibilities of architects. A targeted improvement plan should be implemented for low-performing PLOs, with clear actions and timelines
	3- Focus on Competency-Based Learning: Decoupling competencies from traditional courses allows flexible learning pathways emphasizing broader skills like design thinking and systems thinking
	4-



Sixth: Improvement Plan Based on the Program Learning Outcomes Assessment Cycle Results:


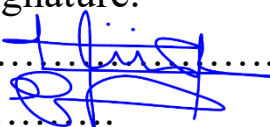
Recommendation	Implementation Steps / Procedures	Timeframe		Implementation Responsibility	Completion performance Indicators / Completion Guidelines	Notes
		Start Date	Expected End Date			
1. A new plan (Plan 47) should be developed, and outcomes should continue to be monitored and benchmarked annually to maintain the outstanding rating and further approach excellence across all criteria.	1-Identify low-performing PLOs (e.g., K3,K4).	26/5/2025	1/8/2025	Department Council	Improvement plan approved and implemented; ≥7% increase in direct attainment for K3,K4 by next cycle.	
	2- New course descriptions should be developed. Progress should be monitored through semesterly PLO achievement reports and CLOs to align the curriculum with a two-semester structure instead of a three-semester structure.	26/5/2025	1/8/2025	Quality committee		
	3- Architecture collaboration should be strengthened through joint training. Faculty workshops should be conducted to define corrective actions and identify responsible coordinators.	26/6/2025	1/9/2025	Department Council		



2. According to the questionnaire, the ILO's demonstrate an in-depth understanding of professional ethics, regulatory frameworks, and responsibilities of architects. A targeted improvement plan should be implemented for low-performing PLO's, with clear actions and timelines	1- Promote innovation by adding interdisciplinary electives in AI, sustainability, and smart manufacturing.	26/5/2025	1/8/2025	Quality committee	At least 5 stakeholder meetings should be held; documentation of actions taken based on feedback should be included in the annual report.
	2- Enhance stakeholder involvement in curriculum review and program evaluation.	26/5/2025	1/8/2025	Program Coordinator	
	3- Conduct annual internal and biannual external benchmarking to sustain competitiveness.	26/6/2025	1/9/2025	College Quality Committees	
3. Focus on Competency-Based Learning: Decoupling competencies from traditional courses allows flexible learning pathways emphasizing broader skills like design thinking and systems thinking	1. The program structure should be revised and submitted for approval at both the departmental and college levels.	26/6/2025	1/8/2025	Quality committee	Approval of at least 3 new electives should be sought; innovation components should be included in at least 2 courses.
	2. Incorporate innovation projects into current design course				
	3. New elective course topics should be proposed and approved.				



Approval of the Program Learning Outcomes Assessment Cycle Results:

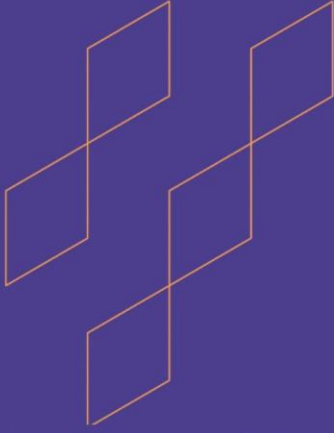
Final Report Author	Name: Dr. Mohamed Wahba	Signature: 	Job Title:
Department Head Approval	Name: Dr.Oumr Adnan Osra	Signature: 	Date: 26/6/2025
Department Council Approval	Session Number:	Session Number:	





References and Training Programs Consulted for Designing the Proposed Model:

- Learning Outcomes Assessment Course – Deanship of University Development and Quality Assurance, Umm Al-Qura University- Dr. Suzan Bardeas.
- Proposed Learning Outcomes Guide - Deanship of University Development and Quality Assurance, Umm Al-Qura University.
- Guide for Formulating and Assessing Learning Outcomes for the Sharia Program - Imam Muhammad ibn Saud Islamic University, Riyadh.
- Guide for Assessing Course Learning Outcomes in English – Majmaah University.
- Presentation on Learning Outcomes Assessment considering ABET Requirements – Deanship of University Development and Quality Assurance, Umm Al-Qura University - Prof. Dr. Abdulrahman Haidar.
- Learning Outcomes Assessment Course offered by NCAAA for Umm Al-Qura University.



Verification of PLOs Assessment

Institution: **Umm Al-Qura University**

College: **Engineering and Architecture**

Program: **Architecture and Planning**

Visit Date: **From** Click or tap to enter a date. **To** Click or tap to enter a date.

Verification of PLOs Assessment

The Review Panel will complete a detailed form regarding the Program Learning Outcome (PLOs) achievement. This form will document the courses or projects used to evaluate each PLO. Also, it is designed to capture essential details about how these courses or projects contribute to assessing the desired outcomes. Overall, the Review Panel should evaluate how students successfully achieved the POLs.

A. Verification of PLOs Assessment

PLOs	Related Course/Project Code	Related Course/Project Title	Level in the Study Plan	Related CLO	Assessment Method/Activity	Reviewer Evaluation*
K1	ARC 1001	Architectural Formation Principles Studio 1	Level 1	K1-c	Oral presentations	
K2	ARC 1101	Building Construction Studio 1: Site Preparation	Level 4	K2-c	Drawing Exam	
K3	ARC 1500	Cooperative Training	Level 9	K3-a	Direct Observation	
K4	MTH 1601	Mathematics for Architects	Level 1	K4-a	Written exam	
S1	ARC 1306	Architectural Models	Level 2	S1-c	Model Exam	
S2	ARC 1310	Architecture of Islamic Civilization	Level 4	S2-a	Written Exam	
S3	ARC 1309	Ancient civilizations and Medieval Architecture	Level 1	S3-a	Written reports	
S4	ARC 1003	Fundamental Design Principles Studio	Level 3	S4-a	Oral presentations	
S5	ARC 1203	Vector-based Drawing	Level 4	S5-b	Lab Assignments	
V1	ARC 1308	Design Process and Methods	Level 2	V1-a	, Written reports	
V2	ARC 1303	Shade, Shadow and Perspective	Level 2	V2-d	Drawing Exam	

*To be completed by the reviewer



B. PLOs' Evaluation Rubrics ^{*,**}

Criterion	Rating	Justification	Evidence (e.g. document and Page #)	What prevents the program from the next level	Reviewer Suggestions from remedies
PLO list	4	PLO's list aligned with the CLO's			The list contains the required outcomes to satisfy the mission and the goals, clearly stated (action verb, context, ...etc.), reasonably numbered and prioritized, and consistent.
Assessable & Measurable	4	The rubrics are missing some detailed descriptions of student performance across different achievement levels.			Outcomes specifically describe how students can demonstrate learning. Rubric clearly articulates explicit criteria and standards for assessment, identifies the most important aspects of student learning, and includes descriptions of student performance at varying levels.
Aligned	3	The implementation of new Plan 47 is aligned with the transition from a 3-semester system to a 2-semester curriculum.			The outcomes are consistent and serve all levels properly. Curriculum is served properly.
Planned	3	Due to its recent establishment during the program planning phase, The plan is in a phase of continuous evaluation.			The program has a reasonable, multi-year assessment plan that identifies when each outcome will be assessed. The plan may explicitly include analysis and implementation of improvements.
Supported	3	The proportion of students completing the evaluations of some courses is less than 70% of the total number of students enrolled.			Faculty collect relevant & sufficient evidence for each outcome, including both indirect and direct evidence. Rubric assesses the level of student attainment.
Analyzed	4	Internal benchmarks are not available and hard to reach this statistics to compare between it and the program			Results clearly delineate each line of evidence, indicating various levels of achievement. Includes benchmarks.
Utilized	3	Faculty and department chairs drive change, but some statistics not available on the university website , and others is not well-established, potentially limiting improvement efforts			The report clearly articulates conclusions, implications and recommendations for improvement regarding both student learning and assessment, and which could be drawn from results. Includes some consideration of the reliability and validity of results. Results have been discussed by many faculty and recommendations likely to be implemented due to faculty involvement and support and quality of assessment work.

* From the Evaluation Rubrics (table) below

**To be completed by the reviewer

C. Summary of Reviewer's Evaluation

The program boasts a comprehensive assessment plan for PLOs, demonstrating strong effectiveness. Although implementation is robust, minor adjustments are necessary for optimal refinement. Furthermore, a new plan (Plan 47) will be introduced in Fall 2025 to foster ongoing enhancement. In addition, the program will transition from a 3-semester system to a 2-semester curriculum.

Role	Name	Signature	Date
Chair	Oumr Osra		26/06/2025
Member	Wagdi Qattan		01/08/2025
Member	Mohamed Atef		01/10/2025
Member	Mohamed Wahba		01/10/2025
Choose an item.			Click or tap to enter a date.

Evaluation Rubrics

Criterion	NC (1)	MC (2)	SC (3)	FC (4)
PLO list	A list of outcomes exists and reasonably numbered.	A list of outcomes exists, reasonably numbered, and serves the mission and the goals.	The list contains the required outcomes to satisfy the mission and the goals, clearly stated (action verb, context, ...etc.), and reasonably numbered.	The list contains the required outcomes to satisfy the mission and the goals, clearly stated (action verb, context, ...etc.), reasonably numbered and prioritized, and consistent.
Assessable & Measurable	Outcomes do not identify what students can do to demonstrate learning (vague, immeasurable verbs like “understand”). No rubric developed.	Outcomes indicate how students can demonstrate learning, but action verbs may be general. Rubric is not properly developed.	Outcomes describe how students can demonstrate learning, identifying observable and measurable results. Criteria are articulated in the form of rubric, criteria and standards may need further development to be more meaningful and consistently applied.	Outcomes specifically describe how students can demonstrate learning. Rubric clearly articulates explicit criteria and standards for assessment, identifies the most important aspects of student learning, and includes descriptions of student performance at varying levels.
Aligned	There is no clear relationship between the outcomes themselves and between the different levels of outcomes (course, program, school). The outcomes relevance to the curriculum is not clear.	The outcomes are somewhat consistent between the different levels (course, program, school) but not necessarily aligned. Their relevance to the curriculum is simple (direct statements, one-to-one statements).	The outcomes are consistent and serve all levels properly. Curriculum is served properly.	PLOs are highly aligned to reach the level expected from higher education consistently. Curriculum is approached from different angles with different levels of sophistications.
Planned	There is no formal plan for assessing each outcome.	The program relies on short-term planning, such as selecting which outcome(s) to assess in the current year without reasonable prioritization.	The program has a reasonable, multi-year assessment plan that identifies when each outcome will be assessed. The plan may explicitly include analysis and implementation of improvements.	The program has a fully articulated, sustainable, multi-year assessment plan that describes when and how each outcome will be assessed and how improvements are based on findings will be implemented. The plan is routinely examined and revised, as needed.
Supported	It is not clear that potentially valid evidence is collected for the PLO.	Faculty have reached general agreement on the types of evidence to be collected for the PLO but may not include both direct and indirect forms or indirect assessment is collected or used improperly.	Faculty collect relevant & sufficient evidence for each outcome, including both indirect and direct evidence. Rubric assesses the level of student attainment.	Assessment criteria have been tested and refined over time, usually shared with students. Direct and indirect evidence are designed to mutually inform conclusions. Feedback has led to refinements in the assessment process.

Criterion	NC (1)	MC (2)	SC (3)	FC (4)
Analyzed	Results (data table or other means) are not used or not included in report.	Results (data table or other means) are improperly analyzed (incorrect tools or incorrect use of tools) or included but unclear or missing key data.	Results clearly delineated for each line of evidence in tabular or other summary formats. May reference benchmarks or other expectations. Proper tools are used.	Results clearly delineate each line of evidence, indicating various levels of achievement. Includes benchmarks.
Utilized	The report identifies implications but no recommendations for improvement in student learning or assessment practices and no explanation of how these claims are derived. No reasoning offered in support of claims.	Some conclusions, implications, and recommendations for improvements regarding student learning or assessment are included, but they are vague or questionably related to results. Support for claims is insufficient. Questions of validity or reliability are not discussed.	The report clearly articulates conclusions, implications and recommendations for improvement regarding both student learning and assessment, and which could be drawn from results. Includes some consideration of the reliability and validity of results. Results have been discussed by many faculty and recommendations likely to be implemented due to faculty involvement and support and quality of assessment work.	The report articulates a well-reasoned critique of conclusions, implications, and recommendations that could be drawn from the results for both student learning and assessment. Includes a well-reasoned discussion of validity and reliability of results. The faculty discusses results, plans needed changes, and implement changes. Efforts to collaborate with others, such as librarians or student affairs professionals, to improve results.

