

College of

Engineering and Architecture

Department of

Architecture

Programme of

Islamic Architecture (Architecture)

Program Learning Outcomes (ILOs)

Assessment Report



Assessment Report

Direct assessment results

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K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2	

Bachelor's degree	% of students got target (70% and above)
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Dachelor 3 degree	,,,,	· Otal	201110	901	tarye	,	, , o a	u un	,,,		
Architectural Design Studio 3											
Building Construction 1 History and Theories of Architecture 1											
Architecture 1											
Computer Applications 1			72.73		100						
Environmental control											
Jurisprudence for Architects											
Surveying											
Architectural Design Studio 4											
Building Construction 2											
Structure 1											
History and Theories of Architecture 2	81.82				86.36					100	90.91
Buildings Technical Installation											
Introduction to Urban Environment											
The Holy Quran 1											
Architectural Design Studio 5	90.88	83.38			85.08					92.98	90.88
Building Construction 3		80.77	80.19		89.52			71.44		85.72	89.23
History and Theories of Urban Planning	82.86				65.71		91.43				74.29
History and Theories of Architecture 3	87.5				90				95	90	95
Urban Design	93.11		39.11				99.11		93.11		99.11
Structure 2											
Computer Applications 2			53		55			55		29	
Architectural Design Studio 6											

Building Construction 4										
Urban Planning Studio	50		100		70		0		100	
Urban Planning										
History and Theories of Architecture 4	70				90	70			70	100
Rules and Regulations of Urbanism	27		54		54	0				
Summer Training 1										
Architectural Design Studio 7	70		100		50	100				100
Structure 3										
Execution Design Studio 1		100			94.5			95		72.7
Housing										
The Holy Quran 2										
Islamic Culture 1										
Advanced Computer Applications				97.4			<u> </u>		100	
Architectural Design Studio 8	100				66.67	100				100
Landscape Architecture										
Interior Design	100				100	100				100
Execution Design Studio 2		88.9	89					77.8	100	88.9
The Biography of Prophet Mohammad (pbuh)										
Islamic Culture 2										
Summer Training 2										
Architectural Design Studio 9										
Architectural Design Studio 10										
Architectural Design Studio 11										
Architectural Design Studio 12										
				1						4

		_				_	_	_
Arabic Language								
Architectural Design Studio 10								
Economics of Architectural Projects			75	83.33			66.67	83.
Human and Environment								
Architectural project management			74.48	80.19			77.14	80.
The Holy Quran 4								
Islamic Culture 4								
Urban Heritage in Saudi Arabia								
Urban Heritage in Saudi Arabia (Term2)	77				86		90	80
High-Tech in Building Construction	90				90	90	90	90
Mega Structure								
Sustainability and Green Architecture	60					60	60	60
Architectural criticism	100				100	100	100	80
Vernacular Architecture								
Architecture of the Two Holy Mosques								

Average of the Direct Assessment

% of students got target (70% and above)

K 1	K2	K 3	K4	S1	S2	S3	S4	S5	V1	V2
78.7	88.3	73.8	97.4	78.8	74.0	77.8	74.8	89.8	80.2	75.9

PLOs of Bachelor Program of Islamic Architecture

Knowledge: At the end of the program, student should be able to

89.3	К1	Design Knowledge Demonstrate a comprehensive understanding of the built environment.
93.1	К2	Technical Knowledge Demonstrate in-depth understanding of systems, technologies, and assemblies of construction process.
88.9	КЗ	Professional Practice Demonstrate an in-depth understanding of professional ethics, regulatory, and responsibilities of architects.
85.1	К4	Math and science Explain concepts of mathematics and scientific theories relevant to architecture.

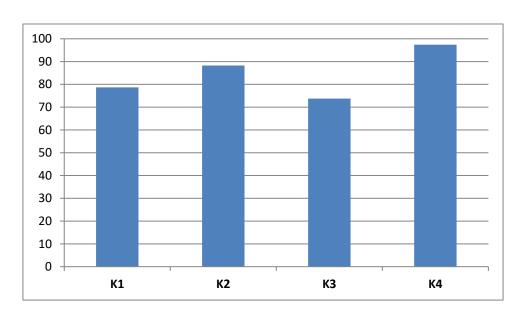
Skills: At the end of the program, student should be able to

		1 0 /
87.6	S1	Design Synthesis Make decisions for complex design problems in creative and scientific manners.
87.1	S2	Islamic culture Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.
82.0	S3	Scientific research Apply scientific research for complex issues of the built environment.
88.7	S4	Craftwork Execute drawings, craftworks and physical models efficiently.
76.8	S5	Communication Communicate in oral and written forms; and use mathematics and information technology to process and analyze data.

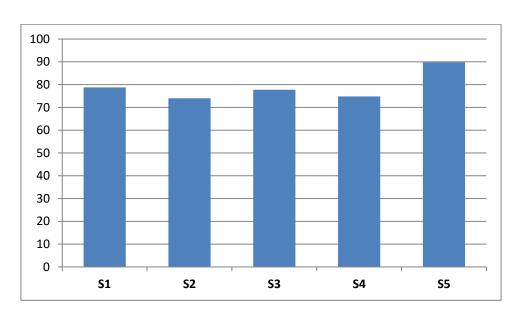
Values: At the end of the program, student should be able to

73.1	V1	Ethics Demonstrate self-discipline, punctuality and commitment to all required tasks.
72.8	V2	Responsibility Demonstrate personal, professional and social responsibility.

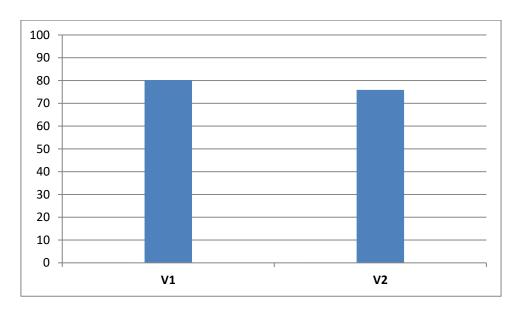
Number of assessed Courses: 23 courses



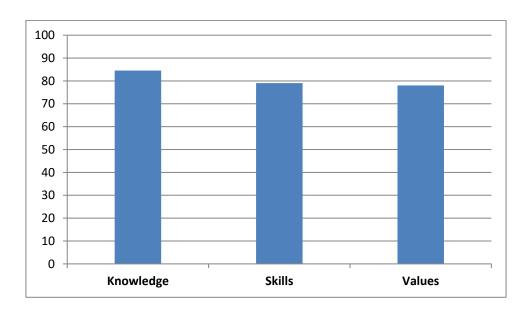
Knowledge PLOs Assessment



Skills PLOs Assessment



Values PLOs Assessment



Comparison between various PLOs

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Program Learning Outcomes (ILOs)
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Direct assessment results

	K1	K2	К3	K4	S1	S2	S 3	S4	S 5	V1	V2
Bachelor's degree	%	of stu	ıdent	s got	targe	t (70°	% and	l abov	/e)		
Architectural Design Studio	89.59				100			95.38		100	89.59
Descriptive Geometry and Architectural drawing											
Mathematics for Architects											
Architecture of Ancient Civilizations	100	100			100		100	100		100	100
English Language											
Building Materials		94.93		38.84			88.26		40		99
Architectural Design Studio 2	100				97.31			100		70	70
Physics for Architects											
Architectural Models	89.5							93.1		98.1	60
Shadow, perspective and Architectural Presentation											
English Language for Architects											
Process and Methods of Design	55.93				69.08				59.48	45.34	
Architectural Design Studio 3	98				97.33				100		100
Building Construction 1		92	94.5		68			95.3	91.3	60	60
History and Theories of Architecture 1	78.06				77.7	75.2				40	60
Computer Applications 1											
Environmental control	97.27	94.55		99.07	79.07		54.55			54.55	
Jurisprudence for Architects											
Surveying											
Architectural Design Studio	100				100					100	100
Building Construction 2		95.89	96.13		95.16			76.01		70	70
Structure 1											
History and Theories of Architecture 2	91.5				80.9					60	50.8

Buildings Technical Installation	90.77	97.89		97.89	98.95			60	49.09	60	
Introduction to Urban Environment	99.64				100		98.92			60	60
The Holy Quran 1											
Architectural Design Studio 5	96	96			96						92.5
Building Construction 3		97.6	97.6		98.8			95.8		97.6	70
History and Theories of Urban Planning	77.67				85		83.13				73.14
History and Theories of Architecture 3	96.9				85.8				95.4	60	55.4
Urban Design	97.71		96.57				97.71		60		60
Structure 2											
Computer Applications 2			85.73		83.33				88.13	78.53	
Architectural Design Studio 6	85.6			97.6	90.4						92.2
Building Construction 4		90.1	93.7		88.3			93.7		70	70
Urban Planning Studio	89.57		93.04		77.58		80.19		60		
Urban Planning	90.95		90.95		86.95		86.95			60	
History and Theories of Architecture 4	80.03				100	91.68			60.05	48.75	56.25
Rules and Regulations of Urbanism	95.76		100		82.07	92.5				52.5	60
Summer Training 1											
Architectural Design Studio 7	89.45		56.4		78.41	94.29				55.71	38.57
Structure 3											
Execution Design Studio 1		88			79.64			68.08		88	
Housing	91.89		85.89		85.19					93.19	50.67
The Holy Quran 2											
Islamic Culture 1											
Advanced Computer Applications				92.04					96.84		82.44
Architectural Design Studio 8	77.55				80.98	86.29				60	
Landscape Architecture											

Interior Design									
Execution Design Studio 2		87.67	82.5				98	93.5	100
The Biography of Prophet Mohammad (pbuh)		07.101	02.0					00.0	100
Islamic Culture 2									
Summer Training 2									
Architectural Design Studio 9	82.1	93.33	83.24	88.29				60	
Graduation Project Research						81.48		74.81	
Elective Course 1									
Architectural Project Management									
The Holy Quran 3									
Islamic Culture 3									
Arabic Language									
Architectural Design Studio 10	76.13	82.8		76.77	82.8			60	
Economics of Architectural Projects									
Human and Environment									
Elective Course 2									
The Holy Quran 4									
Islamic Culture 4									
Urban Heritage in Saudi Arabia (Term1)	85					100		100	85
Urban Heritage in Saudi Arabia (Term2)									
High-Tech in Building Construction	100					100		85	100
Mega Structure	100					60		100	100
Sustainability and Green Architecture	90					30		70.68	30
Architectural criticism	64.4					68.9		68.9	68.9
Vernacular Architecture	100					100		100	100
Architecture of the Two Holy Mosques									

Average of the Direct Assessment

% of students got target (70% and above)

K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2
89.3	93.1	88.9	85.1	87.6	87.1	82.0	88.7	76.8	73.1	72.8

ILOs of Bachelor Program of Islamic Architecture

Knowledge: At the end of the program, student should be able to

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93.1	К2	Technical Knowledge Demonstrate in-depth understanding of systems, technologies, and assemblies of construction process.
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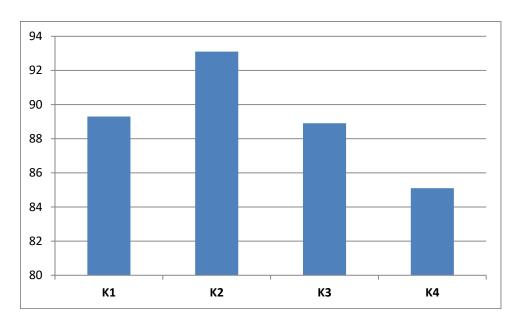
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		manners.
	S2	Islamic culture
87.1		Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.
82.0	S3	Scientific research
82.0		Apply scientific research for complex issues of the built environment.
88.7	S4	Craftwork
88.7		Execute drawings, craftworks and physical models efficiently.
	S5	Communication
76.8		Communicate in oral and written forms; and use mathematics and
		information technology to process and analyze data.

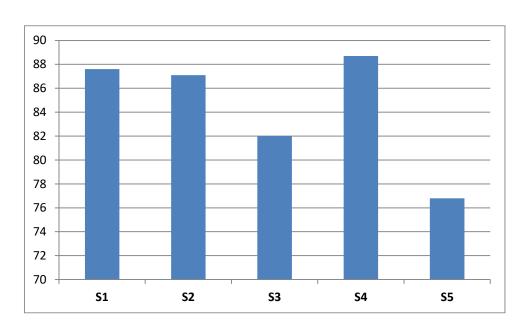
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72.8	V2	Responsibility Demonstrate personal, professional and social responsibility.

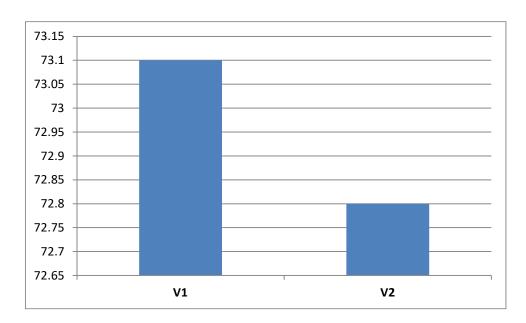
Number of assessed Courses: 42 courses



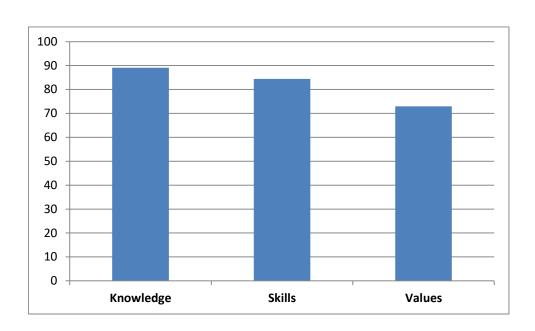
Knowledge PLOs Assessment



Skills PLOs Assessment



Values PLOs Assessment



Comparison between various PLOs

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