Course Specification
(Bachelor)

Course Title:	Glass Design studio
Course Code:	421AAD-4
Program	Bachelor in Applied Arts
Department:	Applied Arts
College:	: Faculty of Architecture and Design
Institution:	JAZAN UNIVERSITY
Version:	2023 - 2024
Last Revision Date:	1/9/2023

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (٤)					
2. Course type					
A.	☐University	☐College	☒ Department	☐Track	☐Others
B.	☒ Required		☐Elective		
3. Level/year at which this course is offered: (٤/١١)					
4. Course general Description:					
5. Pre-requirements for this course (if any)**:**					
411AAD-4					
6. Co-requisites for this course (if any)**:**					
7. Course Main Objective(s):					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	8	100 %
2	E-learning		0
3	Hybrid • Traditional classroom • E-learning		0
4	Distance learning		0

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	16
2.	**Laboratory/Studio**	8*11=88
3.	**Field**	
4.	**Tutorial**	
5.	**Others (specify)**	
Total		104

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Analysis, simplification and redesign of design elements derived from different technical models.		Lecture PowerPoint presentation on discussing glass products	Design Assessment
2.0	**Skills**			
2.1	Demonstrate various technical for produce and implement glass products design ideas.		Brain storming Design Practical Self – education	Objective test Design Assessment
2.2	Use appropriate strategies, decision making, and problem-solving skills in Design processes of glass products			
2.3	Determination of architectural glass design elements.			

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.4	Employ creative skills in design by using specialized computer programs relevant to the operations of the production of glass.			
3.0	**Values, autonomy, and responsibility**			
3.1	Articulate professional responsibility of the designer		Cooperative Learning Practical work Use of computer fees and information network programs	Design Assessment Performance-based calendar-notecalendar based on project delivery, output and presentation.
3.2	Illustrate professional values and ethical behaviors needed for leadership, and entrepreneurialism in Applied Arts field.			
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C. Course Content

No	List of Topics	Contact Hours
1.	-General introduction to the course: Introduction to the design - setting the schedule -defining projects (architectural glass facades, exterior and interior, glass hangings) Simulation of a previous stained-glass design. -Initial ideas for a stained-glass design suitable for interior and exterior architectural facades. Creating an innovative design with stained glass technology, suitable as a mural.	8
2.	Design of glass products in two dimensions: The first project is the design of architectural openings and interior partitions using the leaded stained glass technique.	١٦
3	The second project is designing architectural partitions using sandblasting technology.	16
4	The third project is the design of the architectural cladding - the mural design using the mosaic	١٦

	technique.	
5	Mid-term exam.	4
6	3D glass product design: The fourth project is to design cutlery, flower pots, or various three-dimensional glass architectural accessories, such as lighting units.	١٦
7	Follow up the implementation and completion of all projects and exercises	8
8	Evaluation	8
9	Final exam	4
11	Final exam	0
Total		**104**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	**Practic and class work**	**40**	**40%**
2.	**Work shop**	**5**	**5%**
3.	**Mid term exam**	**5**	**10%**
4	**Committee evaluation**	**10**	**10%**
5	**Final exam**	**40**	**40%**

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Peter Layton-Glass Art
Supportive References	Stanislav Lipinski and Jaroslava A 40-year Collaboration in Glass (Art &Design)1994 Michael Wigginton – Glass in Architecture – 19 Mar 2002
Electronic Materials	Andy McConnell Swedish Glass Design A.O. ALEXANDROV EARLY 20TH CENTURY LIGHTING: Electric and Gas (Schiffer Book for Collectors) Paperback – 15 May 2002-Pinterest
Other Learning Materials	Photoshop program Engineering Drawing An engineering perspective and a free perspective

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Computer labs with 20 computers
Technology equipment (projector, smart board, software)	software (illustrator and Photoshop, RHINO CEROS,) data show in design classroom
Other equipment (depending on the nature of the specialty)	Small size digital glass printing machine to implement samples of some designs

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Student	Online system course evaluation. Indirect Objective test. direct
Effectiveness of Students assessment	Student	Online system course evaluation. Indirect Objective test. direct
Quality of learning resources	Student	Course learning outcomes survey. Indirect
The extent to which CLOs have been achieved		
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	**DR. SANAA EISSA**
REFERENCE NO.	**HEBA AHMED ABDELAAL ELSAYD** Heba Ahmed
DATE	**6/9/2023**