Course Specification

Course Title:	**Computer Application in Interior Design**
Course Code:	**304IDS-3**
Program:	**Bachelor in Interior Design**
Department:	**Interior Design**
College:	**Design and Architecture**
Institution:	**Jazan University**
Version:	**3**
Last Revision Date:	1 January 2022

Table of Contents:

A. General information about the course:

Course Identification	
1. Credit hours:	3hours (1Lecture +2Laboratory)

2. Course type

a. University ☐   College ☐   Department ☑   Track☐   Others☐

b. Required ☑   Elective☐

3. Level/year at which this course is offered:	Level 8/ 3 rd Year.

4. Course general Description
The course aims to introduce aspects related to computer science applications in interior design.

5. Pre-requirements for this course (if any):
none

6. Co- requirements for this course (if any):
none

7. Course Main Objective(s)

After this course the student is expected to be able to identify the aspects associated with computer use in interior design sciences, in addition to the basic concepts of computer drawing techniques, also the course aims to prepare the student and develop the skills and experience associated with the application of computer in interior design.

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	5 hours	100 %
2.	E-learning	-	0 %
3.	Hybrid ● Traditional classroom ● E-learning	-	0 %
4.	Distance learning	-	0 %

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	48
2.	Laboratory/Studio	12
3.	Field	0

4.	Tutorial	0
5.	Others (specify)	0
	Total	**60**

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	Demonstrate the principal of using the computer aided drawing that support the field of interior design and helping its development	K2	-Lectures -Seminars -Brainstorming -Dialogue and discussion.	(Theoretical objective test) by Test specification table. Fill-in-the blank Short Answer MCQs Matched Qs
2.0	Skills			
2.1	Apply advanced technical and contemporary methods to accomplish drawing using the computer.	S1	- Tutorial -Workshops - Problem-solving strategy - Practical exercises	-Classroom assignment. -Projects evaluation -Problem Solving Questions.
2.2	Practice the basic principles to link draft drawing and drawing by computer programs.	S2		
2.3	Evaluate the significant tools and various commands to produce a soft copy for any interior design drawing.	S3		
3.0	Values, autonomy, and responsibility			

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
3.1	Organize work under pressure and within constraints.	V2	-Small group discussion -Interactivity Focus - Cooperative learning Self-learning	-Research assignment. -Online activities -Oral presentations.

C. Course Content

No	List of Topics	Contact Hours
1.	Install Auto CAD Introduction to AutoCAD program Difference between Ribbons&Classic versions	5
2.	AutoCAD interface and basic features Creating a new drawing and opening an existing one Saving and exiting Repeating and cancelling commands Preferences and options (background, crosshairs) Undo and Redo Selection (window, crossing)	5
3.	Dealing with draw menu (Line-circle, arc, polygon, ellipse, polyline)	5
4.	Drawing Aids (ortho, object snap, polar) Polyline edit Dealing with modify menu (copy, move, rotate)	10
5.	Remaining from modify menu (extend, trim, fillet, break, stretch, array, scale, mirror, offset) Change Properties/Match properties	10
6.	Layers-line types -line type scale Hatch/ Gradient Dimensions	10
7.	Blocks Insert- Insert raster image	5

8.	Text/ plotting	5
9.	integrated drawings	5
	Total	**60**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Evaluation 1&2 (Researches- short exams- short projects- homework- class work- class activity)	2-4	20%
2.	Mid-term exam	5-6	20%
3.	Evaluation 3&4 (Researches- short exams- short projects- homework- class work- class activity)	7-9	20%
4.	Final exam	13-14	40%
	Total		**100 %**

*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	-Norton, Reter, Computing fundamentals student edition, McGraw Hill,2002 -Tee, Rendow, Architectural drawings: of types methods, Wilhyy 8 Sans,2002
Supportive References	Auto CAD Smart book for 2d drawings only by MostafaAbd el- basset.
Electronic Materials	https://knowledge.autodesk.com/support
Other Learning Materials	CAD Software latest version.

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Computer Laboratory for group of 30 students.
Technology equipment (projector, smart board, software)	-Data show attached to instructor computer and projector screen.

Items	Resources
	-Smart Board, latest CAD Software
Other equipment (depending on the nature of the specialty)	No

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods	
		indirect method	direct method
Effectiveness of teaching and assessment	Students	- On line system course survey	
	Peer Reviewer or Head of Department		Peer or Head of Department observation
Quality of learning resources	Students	- On line system course survey	
	Peer Reviewer or Head of Department		Peer or Head of Department Assessment
Achievement of course learning outcomes	Students	Course LO survey	
Final exam validity	Program Assessment Committee or Head of Department		Theoretical test According to Test specification table

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

Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	Course Coordinator
REFERENCE NO.	IDS-5-23

| DATE | 20232 | 8 |