



Course Specifications

Course Title:	Computer Applications in Applied Arts (2)
Course Code:	(423 AAD-3)
Program:	Bachelor in Applied Arts
Department:	Applied Arts
College:	Faculty of Architecture & Design
Institution:	Jazan University

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A. Course Identification

1. Credit hours:	3H
2. Course type	
a.	University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b.	Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered:	level 8/Fourth year
4. Pre-requisites for this course (if any):	Computer Applications in Applied Arts (1)- 325AAD
5. Co-requisites for this course (if any):	Graduation Project Program– 512 AAD

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom (practical)	5	100%
2	Blended	×	0%
3	E-learning	×	0%
4	Correspondence	×	0%
5	Other	×	0%

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	1×15=15
2	Laboratory/Studio	4×15=60
3	Tutorial	0
4	Others (specify)	4
	Assessment 1 Final Examination (Theoretical & Practical) – 4 hours)	
	Total	79
Other Learning Hours*		
1	Study	
	Student Independent Learning Practical	1×15=15 1×15=15
2	Assignments	24
	2 Mid Term Examination (2 hour) 1 Final Examination (Theoretical & Practical – 2hour) sheets (20 hours)	
3	Library	0
4	Projects/Research Essays/Theses	0
5	Others (specify)	0
	Total	54

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description

This course focus on the student's ability to design and its modern techniques through the use of specialized programs :(AutoCAD- Portrait-Ramsete III))which is designed to serve the fields of specialization and also recognize some basic scientific terminology in the field of computer design, this along with the design of catalogues and innovation views (mapping)

2. Course Main Objective

This course aims to identify specialized design programs ((AutoCAD- PORTRAIT- Ramsete III)) and how to use specialized design program (AutoCAD) in Drawings otherwise use specialized design program (PORTRAIT) in the field of design catalogs and innovation catalogs views & mapping and to be proficient in using the specialized design program (Ramsete III) in the field of design and color separation and the preparation of matching design then develop innovative solutions for the integration of more technology in the design to achieve aesthetic values in the technical designs and the study of how to connect the productive side.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge:	
1.1	Demonstrate the concepts and terminology programs (Auto CAD- RamseteIII).	K2
1.2	Identify main menu and basic and secondary icons of programs.(AUTOCAD- (RamseteIII	K2
2	Skills :	
2.1	Articulate ideas by using related computer programs (Autocad- Ramsete III).	S1
2.2	Operate specialized applications computer for implement designs in various tracks	S3
2.3	Examine innovative solutions to integrate technology in the design to connect the design with productive side by computer programs	S3
3	Competence:	
3.1	Execute the product, 2D graphics ,plans, facades according to the possibilities of computer programs to solve design problems.	C1
3.2	Prepare designs according to professional craftsmanship	C2

C. Course Content

No	List of Topics	Contact Hours
1	Identify the objectives and topics of the course - Introduction.	1
2	Introduction of program AutoCAD- program interface - Using Object Snaps - setting vision)	1
3	Creating Basic Objects(Line –circle- arc-geometrical shapes)	1
4	Creating Basic Objects (Rectangle- Polygon-poly line)	1
5	Using Polar Tracking and Polar Snap- (Select - Move - Copy – Rotate-mirror) Objects	1
6	Using(trim-extend-fillet-offist-array-scale) Objects	1
7	Using(stretch –exploding-Hatch-blocks- annotations) Objects	1
8	- Global Shortcuts- interface of Ramsete- Main menu .-Introduction	1
9	Toolbar - The menu “File”- The menu “Properties”	1
10	The menu “Draw”- The menu “Area”- The menu “Colors”	1
11	Reduction- The menu “Show”- The menu “Layers”- Draw settings.	1
12	Function in color –layer mode (Pantograph – Texture – Shading).	1
13	Theoretical revision	1
14	exams(midterm1 -midterm2)	2
Practical		
1	AutoCAD sheets	28

2	RamseteIII sheets	28
3	Practical revision	4
Total		75

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
1.1	Demonstrate the concepts and terminology programs (Auto CAD- RamseteIII).	- Lectures. - Discussions. - Brainstorming. - Open debate.-	- direct method (objective test) by Test specification table.
1.2	Identify main menu and basic and secondary icons of programs.(AUTOCAD- RamseteIII.(
2.0	Skills		
2.1	Articulate ideas by using related computer programs (Autocad- Ramsete III).	- Brainstorming. - Self-education -Studio practice - Practical	-Designs assessment - Direct method (objective test) by Test specification table.
2.2	Operate specialized applications computer for implement designs in various tracks		
2.3	Examine innovative solutions to integrate technology in the design to connect the design with productive side by computer programs		
3.0	Competence		
3.1	Execute the product, 2D graphics ,plans, facades according to the possibilities of computer programs to solve design problems.	- Presentations. - Open debate. - Cooperative education. - Peer Education	-Designs assessment
3.2	Prepare designs according to professional craftsmanship		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Sheets (AutoCAD program)	1-6	20%
2	Test midterm 1	7	10%
3	Sheets (Ramsete III program)	8-14	20%
4	Test midterm 2	12	10%
5	Final exam(Practical exam for 2 programs – Theoretical exam)	End of the Semester	40%
Total			100%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

- Individual consultations and academic advice is supposed to allocate a minimum of 6 hour per week
- Tutorial for week students is supposed to allocate a minimum of 4 hour per week

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Special induction book programs AutoCAD -RamseteIII)) and CD own educational
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Essential References Materials	Ahmed Hassan Khamis: AutoCAD 2014-the fundamental tasks - Egyptian Center for Science simplify -2013 m.
Electronic Materials	Many Web Sites according to course topics. YouTube channels
Other Learning Materials	AutoCAD help CD. RamseteIII help CD.

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	-Classrooms containing 30 chairs . -computer Lab containing 30 computers
Technology Resources (AV, data show, Smart Board, software, etc.)	- 1 Projector -1 laptop.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	-AUTOCAD program -RAMSETE III program

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	- Online system course evaluation. (Indirect) - Objective test by Test specification table (direct)
Quality of learning resources	Students	- On line system course evaluation. . (Indirect) - Objective test by Test specification table (direct)
Course learning outcomes	Students	- Course learning outcomes survey. (Indirect) - Objective test by Test specification table (direct)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

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

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	
Reference No.	
Date	