

Ministry of Higher Education and Scientific Research  
and the Supervision of Academic Quality Assurance  
to Accreditation



Academic Program  
And  
Course Description  
Department of Architectural  
Design and Decoration

**The introduction:**

**The department was established in 2006 and has since graduated technical cadres with a diploma in architectural drafting and design, as well as interior design for buildings and facilities. These graduates have actively contributed to supporting the work entrusted to them by government departments and the private sector, aiming to meet the labor market's needs in the field of engineering drawing and the production of architectural plans. Accordingly, it is essential to achieve the department's mission and vision, and contribute to fulfilling the institute's mission by developing procedures, mechanisms, and available resources, activating them, reorganizing priorities, and utilizing them optimally. This includes aligning the set objectives with available resources and appropriate procedures, developing action plans that achieve the strategy within a suitable priority program, taking into account the available resources. Furthermore, the opportunity must be provided to measure the efficiency and effectiveness of the achieved results through the establishment of measurable performance indicators, which are continuously monitored.**

## Concepts and terminology:

considered a coordinated and organized package. The educational program is of academic courses that includes procedures and experiences organized in the form of academic vocabulary, the main purpose of which is to build and refine the skills of the requirements of the labor market. It is graduates, making them qualified to meet reviewed and evaluated annually through internal or external audit procedures and programs such as the external examiner program.

The description of the academic program provides a brief summary of the features of the program and its courses, indicating the skills that students are mainly working to acquire based on the objectives of the academic program. The importance of this description is evident because it represents the cornerstone of obtaining accreditation, and the teaching staff participates in writing it under the program accreditation supervision of the scientific committees in the scientific departments.

This guide, in its second edition, includes a description of the academic program and paragraphs of the previous guide in light of the program after updating the vocabulary of the latest developments in the educational system in Iraq, which included a description of the academic program in its traditional form (annual, quarterly), in addition to adopting the description of the academic program circulated according to the book of the Department of Studies, T.M. regarding ۲۰۲۳/۳/۵ on ۲۹.۶.۳/۳. the book of the Department of Studies, T.M. programs that adopt the Bologna Process as a basis for their work. In this area, we can only emphasize the importance of writing descriptions to ensure the smooth conduct of the educational academic programs and courses process.

The description of the academic program : **academic program Description of the**

mission, and goals, including an accurate description of its vision provides a concise summary description of the targeted learning outcomes according to specific learning strategies.

Provides a necessary summary of the most important : **Course description** describes that the student is expected characteristics of the course and the learning outcomes to achieve, demonstrating whether he has made the most of the available learning opportunities. It is derived from the program description.

An ambitious picture for the future of the academic program to : **Program Vision** developed, inspiring, motivating, realistic and applicable program be a.

briefly It **:Program message** explains the objectives and activities necessary to achieve them, and also identifies the program's development paths and directions. These are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable. **:Program objectives**

All courses/study subjects included in the academic **:Curriculum structure** (semester, annual, Bologna program according to the approved learning system (track), whether it is a requirement (ministry, university, college, or scientific department), along with the number of study units.

A consistent set of knowledge, skills, and values **:Learning outcomes** that the student has acquired after the successful completion of the academic program. The learning outcomes for each course must be determined in a way that achieves the program objectives.

They are the strategies used by a faculty member to **:strategies and learning** and they are plans that are followed to reach and learning develop student teaching describes all classroom activities and extracurricular to learning goals. That is, it f the programmeo achieve the learning outcomes.

## Academic Program Description Form

University name: Al-Furat Al-Awsat Technical University

College/Institute: Technical Institute/Najaf

Scientific Department: Department of Architectural Design and Decoration Technologies

Name of the academic or professional program: Technical Diploma in Architectural Design and Decoration Techniques

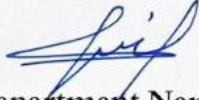
Name of final certificate: Diploma in Applied Arts / Architectural Design and Decoration Techniques Branch

Academic system: Yearly

Description preparation date: 19-3-2024

Date of filling the file: 25-3-2024

Signature:

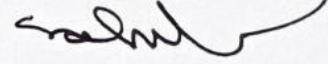


Head of Department Name:

Assit.Prof. Dr.Salah M. Salih

Date: 13/6/2024

Signature:



Scientific Associate Name:

Dr. Salah Mahdi Al-Adly

Date: 13.06.2024

The file is checked by:

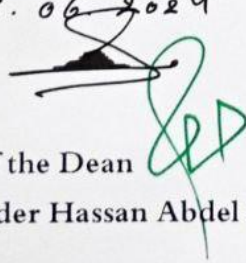
Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Dr. Muhammad Najeh Nehme

Date: 13.06.2024

Signature:



Approval of the Dean

Prof. Dr. Haider Hassan Abdel Hussein



### 1. See the program

It is to provide and prepare graduates with high scientific competence in the fields of crime investigation, criminal investigations, fingerprinting, and how to collect, deal with, and analyze evidence that contributes to diagnosing perpetrators to scientific foundations according.

### 2. Program message

State the program's mission as stated in the university's bulletin and website

### 3. Program Goals

General statements that describe what the program or institution intends to achieve.

### 4. Program accreditation

Does the program have program accreditation? From which side? both

### 5. Other external influences

The official sponsor of the program for forensic techniques is the Najaf Technical Awsat Technical University-Furat Al-Institute and the AI

### 6. Program structure

* comments	percentage	Study unit	Number of courses	Program structure
	6.5%	8	3	Enterprise requirements
	24/5%	30	5	College requirements
	68.8%	84	13	Department requirements
		0	1	summer training
				Other

core or elective Notes may include whether the course is \*

### 7. Program description

Year/level	Course or	Name of the	Credit hours
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	course code	course or course		
First year		Basics of design	theoretical	practical
		Engineering	٣	-
<b>8. Expected learning outcomes of the programme</b>				
<b>Knowledge</b>				
		materials		
		Perspective	١	٣
		Building history	٢	٣
		Layout and colours	٢	٣
		Calculator Apps (1)	١	٢
		Human rights and democracy	١	-
		English language	١٥	١٣
Second year		interior design		
		furniture design	٢	٤
		Bring out and show	١	٢
		Computer architectural drawing	٢	٣
		Make models	٢	٣
		Quantitative survey	٢	٣
		Arabic calligraphy and decoration	١	٢
		English language	١	٢
		The project	١	-
		Calculator applications	٢	
		Baath crim	١٤	١٩

1-Providing information and theoretical knowledge on relevant topics.  
 2-Preparing the student to be able to continue his studies to higher levels.  
 3-Increasing the student's knowledge to become familiar with most of the scientific terms in the specialty in a way that facilitates the development process  
 4- The student's knowledge in the field of printing, interior and architectural design

**Skills**

1- Developing the student's skill and developing his artistic potential.  
 2- The skill of managing work sites and organizational processes  
 3- The skill of using tools and knowledge at the appropriate time and place.  
 4- Providing graduates with technical and creative skills and abilities in the field of architectural design and decoration and the ability to think methodically and soundly.

**Value**

1- Preparing highly qualified staff specialized in the field of architectural design and decoration techniques.  
 2- Achieving contact with the applied reality within state governmental and private institutions  
 3- Continuous scientific development  
 4- Commitment to professional ethics

**9. Teaching and learning strategies**

Method of giving lectures  
 Workshop education to acquire practical skills  
 Student groups (team work)  
 - Using raw materials to create modern products and benefiting from them in

practical daily exercises

- Making models and exercises required for architectural machines
- Implementing graduation projects capable of competing in local markets

E-learning includes:

- Video lectures in PDF format
- Conducting electronic classes and electronic meetings to explain and discuss lectures
- Creating tasks and assignments for students electronically

### 10. Evaluation methods

- 1- Oral exams to determine the student's academic background.
- 2- Daily tests.
- 3- Semester exams (written and practical)
- 4- Comprehensive (final) exams (written and practical)
- 5- Electronic tests include:  
Theory tests and Reports and projects

### 11. education institution

#### Faculty members

Scientific rank	Specialization		Special requirements/skills (if any)		Preparing the teaching staff	
	general	private			Permanet staff employee	lecturer
Teacher	civil	Building and construction			2	
Teacher	Applied Arts	Arts			1	
Assistant teacher	Applied Arts	Arts			3	
Assistant	Mechanical	Mechanical			1	

Professor						
Assistant teacher	English language	English literature			1	

### **Professional development**

#### **Orienting new faculty members**

There are some requirements that contribute to the development process for new faculty, including:

- 1- Teaching methods courses
- 2- Validity test
- 3- Arabic language, computer and other courses

#### **Professional development for faculty members**

The professional development process occurs in several ways

- 1- Various scientific courses
- 2- Workshops
- 3- Scientific seminars

### **12. Acceptance standard**

First: Conditions for admission to the institute:

- Adopting admission conditions for students within the regulations of the Ministry of Higher Education, Scientific Research and Central Admission
- To be medically fit

Second: Conditions for admission to the department:

- Must be a graduate of vocational preparatory school
- Acceptance rate in vocational/scientific/literary preparatory school
- The rate determined in the relevant department
- The department's capacity

### **13. The most important sources of information about the program**

- 1- Scientific curricula determined by the specialized sectoral committees of the Technical Education Authority.
- 2- Amendments proposed by the department's teachers at a rate not exceeding 20% of the prescribed curriculum and according to the requirements of the labor market and scientific development in various fields of science and modern industry.
- 3- Seminars and specialized and training courses with beneficiaries

4- Iraqi government universities and international universities related to the specialty.

#### **14. Program development plan**

The program development plan depends mainly on two things

- 1- Continuous questionnaires from the labor market and graduates
- 2- Legal powers to amend curricula and obtain approvals from relevant authorities

**skills chart Program**

				Learning outcomes required from the programme											
Year/level	Course Code	Name Course	Essential or Optional	Knowledge				Skills				Value			
				√A	∧A	∩A	≠A	√B	∧B	∩B	≠B	√C	∧C	∩C	≠C
<b>First year</b>	Basics of design		Specialized	*		*					*		*		
	Engineering drawing		Specialized		*	*		*				*			
	Workshop work		Specialized		*		*					*		*	
	Finishing materials		Specialized		*					*		*	*		
	Perspective		Specialized	*	*					*			*		
	Building history		Specialized	*							*			*	
	Layout and colours		Non Specialized	*	*										
	Computer Apps (1)		Non Specialized	*		*	*								
	Human rights and democracy		Non Specialized												
	English language		Non Specialized	*		*			*	*					*

**Second year**

interior design		Specialized	*		*		*	*		*		*	*	
furniture design		Specialized		*	*		*				*			
Bring out and show		Specialized		*		*	*			*	*		*	
Computer architectural drawing		Specialized		*					*		*	*		
Make models		Specialized	*	*	*		*		*			*		*
Quantitative survey		Specialized	*			*				*	*		*	
Arabic calligraphy and decoration		Specialized	*	*	*			*		*	*		*	
English language		Non Specialized	*		*	*						*		
The project		Specialized	*		*		*	*	*		*	*		*
Computer applications2		Non Specialized			*		*			*	*		*	*
Baath crimes		Specialized	*		*		*	*	*	*	*	*		*

- **check the boxes corresponding to the individual learning outcomes from the program subject to evaluation Please**

## Course description form

1. Course name: Foundations of Design				
2. Course code				
3. Semester/Year: First				
4. Date this description was prepared: 3/25/2024				
5. Available forms of attendance: attendance inside the hall				
6. Number of study hours (total) / number of units (total): 120 hours / 8 units				
7. Name of the course administrator (if more than one name is mentioned)				
Name: Dr. Salah Mahdi Saleh				
<b>1. Goal of the material</b>				
<p>The general goal: Developing the student's performing abilities, developing his artistic and emotional capabilities, and training him in the use of tools and employing materials with advanced artistic scientific foundations through the analytical study of artistic elements whether geometric or natural, and employing them in artistic formation processes based on scientific principles approved within this field.</p> <p>Special goal: Employing design elements and linking them artistically in architectural design and decoration works.</p>				
<b>2. Teaching and learning strategies</b>				
The strategy		Scientific lectures - practical lectures - scientific trips - daily, monthly and quarterly tests And scientific reports.		
<b>3. Course structure</b>				
the week	hours	Required learning outcomes	Name of the unit or topic	Evaluation method
the first	3	general introduction to the details of artistic formation and the methods used in the process of formation and innovation in design using available illustrative means (celsides,		

		illustrative pictures, etc.).		
the second	३	A detailed explanation of the design elements (point, line, direction, space, size, texture, color value) and an explanation of their possibilities, types, and shapes using illustrative means.		
the third	३	An analytical study of design principles (harmony, repetition, contrast, etc.) and the role in the process of artistic composition by achieving the best visual comprehension by selecting appropriate elements and methods relating them to the correct basic relationships to accomplish and realize the design idea.		
the fourth	३	Explaining the importance of design principles in general and the three basic methods in the composition process (repetition of elements, their harmony & opposition) in particular, using illustrative means in the composition process.		
Fifth	३	A review of design principles with analytical explanation of each of them & their relationships with each other in artwork, using possible illustrative means (repetition, harmony, progression, dominance, unity, balance).		
VI	३	An analytical study of repetition and explanation of its different types and forms (monotonous repetition, non-monotonous repetition, free repetition, rhythmic repetition) with an explanation of methods for achieving the best visual comprehension of the design.		
Seventh	३	An analytical study on harmony in artistic composition and an explanation of its types and through the various artistic elements using the available explanatory means.		
VIII	३	An analytical study of gradation as one of the basic principles, with an explanation of its types and possibilities through application of the various elements (gradation by length, size, light spot, colours, area, direction...etc.)		
Ninth	३	An analytical study of contrast and clarification of its importance in the process of artistic composition, its types and possibilities (opposition by length, size, color, value, direction, etc.)		
The tenth	३	An analytical study on balance, as it is one of the important and basic principles in any plastic work, with an explanation of its types and the possibility of achieving the best visual comprehension of the artistic work using possible explanatory means.		

eleventh	३	An analytical study of unity in artistic composition for best visual understanding to reach the design idea (unity form, unity of content).		
twelveth	३	An analytical study on the importance sovereignty and its role in realizing the idea in the artistic work using possible explanatory means.		
Thirteenth	३	An analytical study on symmetry and its importance as a type of repetition, which achieves the best visual comprehension of the artistic work along with visual comprehension of the artistic work and explanation of its various uses.		
fourteenth	३	A general review of (artistic-material) relationships and their uses in the artistic composition process.		
Fifteenth	३	How to achieve the design idea using more than one principle.		
Sixteenth		Criticism, analysis and discussion of students' work.		
Seventeenth		An analytical explanation of the importance of achieving better comprehension of the artistic work and how to achieve it using the laws of visual comprehension (juxtaposition, symmetry, continuity... etc.) using possible explanatory means.		
Eighteen		An analytical study on colors as one of the important basic elements in the composition process.		
Nineteen		Explaining the different color theories with explanation of their psychological effects.		
Twenty		An analytical study on texture as one of the design elements.		
Twenty first		Explaining the artistic potential of texture and its effect on artistic work.		
Twenty two		Explaining the importance of juxtaposition, texture, and overlay in artistic works.		
Twenty three		Studying the effect of juxtaposition, texture, and overlay in works of art and their effects to achieve the best understanding of the idea for the viewer.		
Twenty four		Explaining the importance of light value as one of the main elements through the use of different materials and their effects on artwork.		
Twenty five		A critical analytical study of various works of art (local, international designs, paintings etc.).		
Twenty six		An analytical study to highlight the importance of relationships, how to employ		

		elements in artistic work, and its implications for the exercises completed by students.		
Twenty seven		An analytical study on three-dimensional shapes in terms of size, formation process and viewing angles of these shapes.		
Twenty eight		Explaining the importance of studying three-dimensional shapes in terms of size, composition process, viewing angles, and their applications in various design fields (prints, fabrics).		
Twenty nine		A general review of the design and foundations, and an emphasis on the most important aspects of the composition process.		
Thirty		A critical and analytical study of student exercises that are completed as final works that include the outcome of the scientific material for the academic year.		

#### 4. Course evaluation

according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports

#### 5. Learning and teaching resources

(Required textbooks (methodology, if any	1-Scott. Robert Gillam - Foundations of Book World Design 1986. 2 -Riyad Abdel Fattah - Training in Plastic Arts Al Nahda Library 1967. 3 -Faraj Abbo. Science of the Elements of Art (two parts) Ministry of Higher Education and Scientific Research - University of Baghdad 1988. 4- Binding Fundamentals of Design, Qasim Muhammad Saleh
(Main references (sources	Graves .M.The Art of color and design, 2 megrawhill, 1951.
Recommended supporting books and references (...scientific journals, reports)	
Electronic references, Internet sites	

**Practical vocabulary/design foundations**

Vocabulary details	The week
A general introduction to the process of artistic formation and the methods adopted in the process of formation and innovation in design. Practical exercises in performing methods and the possibility of tools	the first
Practical exercises on elements, their shapes, and their capabilities (point, line, direction, area, size, texture, color).	
Practical exercises on methods of using design principles in artistic work by choosing appropriate elements to achieve the design idea.	the second
Practical applications for conducting exercises for students on the three basic principles in the composition process (repetition of elements, their harmony, and their opposition).	the third
Conduct applied exercises on the use of different design principles and their relationship with each other in artistic work (repetition, harmony, gradation, contrast, dominance, unity, balance) by applying them to the various elements.	the fourth
Practical exercises on repetition as one of the basic principles and clarifying its types and forms (monotonous repetition, non-monotonous repetition, free repetition, rhythmic repetition) using different elements.	Fifth
Practical applications of harmony by clarifying its types and uses through artistic elements	VI
Practical applications of gradation as one of the basic relationships by doing various exercises (gradation by length, volume, light value, color, area, direction, etc.)	Seventh
Conduct applied exercises on the types of opposition (opposition by length, size, color, value, direction, etc.)	VIII
Practical applications to clarify the importance of balance in artistic work, indicating its types and the possibility of achieving it	Ninth
Practical exercises to demonstrate the importance of unity in composition (unity of form, unity of content)	The tenth
Practical exercises on the importance of dominance in form and content in artistic work	eleventh
Applications on the importance of contrast by doing exercises for students as a type of repetition that achieves the best visual comprehension	twelveth
Develop design ideas using appropriate elements and linking them to the correct technical principles	Thirteenth
Conduct applied exercises that verify the idea in different fields of design	fourteenth
Criticism, analysis and discussion of students' work	Fifteenth
Practical applications in using the laws of visual comprehension and their applications to various designs in order to convey the design message	sixteen
Practical applications on the importance of space by conducting exercises on surfaces and solids within different design fields	seventeenth
Do applied exercises on colors as one of the basic elements in artistic work	eighteen
Conduct applied exercises on the types of colors (primary, secondary, warm, cold...)	nineteenth
Analyze, criticize, discuss, and clarify the negative aspects of students' work	The twentieth
Applied exercises on texture as one of the design elements using different materials in the collage method, clarifying its effect on designs as an artistic mass.	21st
Practical exercises on juxtaposition, contact and superposition (applications in the fields of interior design and architectural decoration	twenty tow
Practical exercises on photometric value using different materials (paper, ink, cloth, wood, etc.)	twenty third
Various applications to develop the student's performance and mental abilities through employing elements (their juxtaposition, contact, and coexistence) using different artistic principles.	twenty fourth
Applied exercises on three-dimensional shapes in the field of architectural design and decoration	25th
Applications on three-dimensional shapes to highlight their importance and present them in the correct artistic form through better understanding of different viewing angles and the effects of shadows.	twenty-sixth
Practical exercises on models using different materials and raw materials by employing	27th

artistic elements and principles to guide specific design ideas.	
A general review of the design and its foundations, and an emphasis on the most important aspects that serve the composition process	Twenty-eighth
Reviewing students' work and exercises that are completed as final works that include the practical material for the academic year	XXIX

1. Course name: Furniture design				
2. Course code				
3. Semester/Year: Second				
4. Date this description was prepared: 3/25/2024				
5. Available forms of attendance: attendance inside the hall				
6. Number of study hours (total) / number of units (total): 120 hours / 8 units				
7. Name of the course administrator (if more than one name is mentioned)				
Name: M.M. Haider Abdullah Email:				
Objectives of the study subject		<p>General: Knowing the history of furniture design, the stages of its development, and the principles of designing furniture pieces and furniture for various uses</p> <p>Special: Identifying the history of furniture design and supervising implementation by drawing plans and implementing furniture pieces (office and home) in normal size or on a small scale.</p>		
1. Teaching and learning strategies				
Scientific lectures - practical lectures - scientific trips - daily, monthly .and quarterly tests and scientific reports				<b>strategies</b>
<b>1. Course structure</b>				
<b>Evaluation method</b>	<b>Learning method</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>the week</b>
Oral and written And practical Tests	Lectures	furniture design/	The student needs to know how to draw geometric projections for selected pieces of furniture to	The first, second and third

			develop his ability to use computer programs	
=	=		Developing the student's ability to choose appropriate linking methods when creating any design through pre-prepared illustrations using the computer	Fourth, fifth and sixth
=	=		Developing student work by creating models of designs with projections using computer programs	Eighth and ninth
=	=		Discussing the designs prepared by the students	The tenth
=	=		Collective criticism and evaluation of the models implemented by the student	eleventh
=	=		Office desks (types, dimensions, and different shapes depending on their use) displaying models and illustrative images	twelveth
=	=		Developing the vocabulary by making final drawings using the computer.	Three and fourteen
=	=		Discussing initial and different designs by the student.	Fifteenth
=	=		Storage and display units (types, functions, measurements).	sixteen
=	=		Show examples and illustrations.	seventeenth
=	=		Discussion of diagrams by the student.	Eighteenth and nineteenth
=	=		Collective criticism of the models implemented in the workshop.	The twentieth
=	=		The need for the student to acquire skills in preparing final plans and engineering drawings for various pieces of furniture.	Twenty-first and twenty-second
=	=		Beds (vocabularies and models) in homes, hotels, and hospitals for all ages. Show examples and	twenty third

			illustrations.	
=	=		Discussion of diagrams by the student.	Twenty-fourth and twenty-fifth
=	=		Furniture decoration, perforation, cutting and gilding. Presentation of models and illustrative pictures and explanation of implementation techniques. This is supported by a field visit to one of the specialized workshops.	twenty-sixth
=	=		Developing the student's technique in preparing designs using the computer while adding decorative units	Twenty-seventh and twenty-eighth
=	=		Discussion of diagrams by the student	XXIX
=	=		Collective criticism of the models that will be implemented according to the available capabilities	thirty

### 1. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

### 2. Learning and teaching resources

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports...)
	Electronic references, Internet sites

### Practical vocabulary

#### the week Vocabulary details

the week

Practical applications using the Auto cad program to draw furniture pieces with different functions (horizontal and vertical projections and perspective)

The first, second and

with visualization using the 3D Max program.	third
Using the 3D Max and Auto Cad programs, draw detailed diagrams showing the methods of installation and connection of different furniture pieces (plans, sections, three-dimensional drawings, and perspective) using ready-made illustrations within the program.	Fourth, fifth and sixth
Seating units (seats) Preparing preliminary designs and specifying materials for the model differ from one student to another.	Seventh
Using the Auto Cad program, prepare preliminary plans for the seating units (seats) (geometric projections and perspective).	Eighth and ninth
Begin implementing models according to measurements and specifications	The tenth
Complete the forms in appropriate ways and submit them	eleventh
Preparing a preliminary design for different tables and desks by each student, choosing manufacturing materials, and starting to prepare preliminary plans	twelveth
Submitting the final plans (projections and perspective) executed with the AUTO CAD program and choosing a model to be implemented	Three and fourteen
Complete the forms in appropriate ways and submit them	Fifteenth
Preparing preliminary designs by the student and selecting materials	sixteen
Finalizing the drawings, submitting them, and choosing the models that will be implemented in the workshop	seventeenth
Begin implementing models according to measurements and specifications	eighteen
Complete the forms in appropriate ways and submit them	nineteenth
Preparing preliminary designs by each student for storage and display units	The twentieth
Providing the final plans (projections and perspectives) for the display and storage units implemented in the AUTO CAD program and choosing a model for implementation.	Twenty-first and twenty-second
Begin implementing models according to measurements and specifications	Twenty-third and twenty-fourth
Complete the forms in appropriate ways and submit them	25th
Preparing preliminary designs for decorative furniture pieces according to the student's choice	twenty-sixth
Providing final plans (projections and perspectives) for decorative furniture pieces executed using the AUTO CAD program and choosing a model for implementation.	Seventh, eighth and twenty-ninth
Complete the forms in appropriate ways and submit them	thirty

1. Course name: Engineering drawing

2. Course code				
3. Semester/year: First and second semester/first academic year				
4. Date this description was prepared: 3/25/2024				
5. Available forms of attendance: attendance inside the hall				
6. Number of study hours (total) / number of units (total): 90 hours / 6 units				
7. Name of the course administrator (if more than one name is mentioned)				
Name: M.D. Emad Al-Din Abdul Amir Email:				
<p>General objective: The student understands the principles of engineering drawing, methods of representing objects, projections, sections, technical plans, and knows engineering symbols and terminology, enabling him to transform his idea into a design.</p> <p>Specific goal: To provide the student with the necessary skill to read the design..</p>			Objectives of the study subject	
1. Teaching and learning strategies				
Scientific lectures - daily, monthly and quarterly tests.				The strategy
2. Course structure				
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing,	the first

			engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Arc, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth

=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth
=	=		Drawing scale and its importance in engineering drawing	Twenty-fifth and twenty-sixth
=	=		Cutting bodies, cutting and its types, drawing the pieces in the figure and projections, and finding the projections for the cut figures.	27th

**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Name of the course: Workshop activities
2. Course code
3. Semester/year: First and second semester/first academic year
4. Date this description was prepared: 3/25/2024
5. Available forms of attendance: attendance inside workshops and laboratories
6. Number of study hours (total) / number of units (total): 120 hours / 8 units
7. Name of the course administrator (if more than one name is mentioned)

Name	Technicians Group Email:				
1	Teaching and learning strategies				
	Scientific lectures - daily, monthly and quarterly tests.				<b>The strategy</b>
Course	structure				
Evaluation method	Method	Learning method	Name of the unit or topic	Required learning outcomes	the week
written	Oral and	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth

=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**  
Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Course name: Finishing materials

2. Course code

3. Semester/year: First and second semester/first academic year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the hall, workshop, and closings
5. Number of study hours (total) / number of units (total): 180 hours / 12 units
7. Name of the course administrator (if more than one name is mentioned)
Name: M.M. Zahraa Falah Email:

**1 Teaching and learning strategies**

Scientific lectures - daily, monthly and quarterly tests.	<b>The strategy</b>
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**Course structure**

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in	Seventh and eighth

			Auto CAD	
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

#### Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

#### Learning and teaching resources

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course name: Perspective

2. Course code				
3. Semester/year: First and second semester/first academic year				
4. Date this description was prepared: 3/25/2024				
5. Available forms of attendance: attendance inside the hall and studio				
6. Number of study hours (total) / number of units (total): 90 hours / 6 units				
7. Name of the course administrator (if more than one name is mentioned)				
Name	Dr. Ali Abdel Amir			
Email:				
1	Teaching and learning strategies			
	Scientific lectures - daily, monthly and quarterly tests.			<b>The strategy</b>
Course structure				
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle	Fifth and sixth

			in the Auto CAD program.	
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

#### Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

#### Learning and teaching resources

Required textbooks (methodology, if any)

Main references (sources)

Recommended supporting books and references (scientific journals, reports....)

Electronic references, Internet sites

1. Course name: History of Architecture
2. Course code
3. Semester/year: First and second semester/first academic year
4. Date this description was prepared: 3/25/2024
5. Available forms of attendance: attendance inside the hall
6. Number of study hours (total) / number of units (total): 60 hours / 4 units
7. Name of the course administrator (if more than one name is mentioned) Name: asst. lec. Zahraa Falah Email:

1 Teaching and learning strategies	<b>The strategy</b>
Scientific lectures - daily, monthly and quarterly tests.	

Course structure				
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that	Fifth and sixth

			touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

Required textbooks (methodology, if any)

Main references (sources)

	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Course name: Planning and colours

2. Course code

3. Semester/year: First and second semester/first academic year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the hall

6. Number of study hours (total) / number of units (total): 120 hours / 8 units

7. Name of the course administrator (if more than one name is mentioned)

Name: asst.lec. Haider Abdul-Ilah email:

Course name: Planning and colours	1. Course name: Planning and colours
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1 Teaching and learning strategies

Scientific lectures - daily, monthly and quarterly tests.	<b>The strategy</b>
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Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and

=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

		Required textbooks (methodology, if any)		
		Main references (sources)		
		Recommended supporting books and references (scientific journals, reports....)		
		Electronic references, Internet sites		
1.	Course name: computer applications1			
2.	Course code			
3.	Semester/year: First and second semester/first academic year			
4.	Date this description was prepared: 3/25/2024			
5.	Available forms of attendance: attendance inside the hall and laboratory			
6.	Number of study hours (total) / number of units (total): 90 hours / 6 units			
7.	Name of the course administrator (if more than one name is mentioned)			
Name	asst.lec. Dargham Saad Falih Email:			
1	Teaching and learning strategies			<b>The strategy</b>
	Scientific lectures - daily, monthly and quarterly tests.			
Course structure				
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third

=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and

the final exam should be 50%.

Learning and teaching resources

Required textbooks (methodology, if any)

Main references (sources)

Recommended supporting books and references (scientific journals, reports....)

Electronic references, Internet sites

1. Course name: Human Rights and Democracy

2. Course code

3. Semester/year: First and second semester/first academic year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the hall

6. Number of study hours (total) / number of units (total): 60 hours / 4 units

7. Name of the course administrator (if more than one name is mentioned)

Name: asst.lect. Hassan Saleh Hassan

Email:

1 Teaching and learning strategies

Scientific lectures - daily, monthly and quarterly tests.

**The strategy**

Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto	the second

			CAD program	
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto	Twenty-third and twenty-fourth

			CAD	
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**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

Required textbooks (methodology, if any)

Main references (sources)

Recommended supporting books and references (scientific journals, reports....)

Electronic references, Internet sites

**((Second academic year))  
Course description form**

1. Course name: Interior Design

2. Course code

3. Semester/year: First and second semester/second year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the hall and workshop

6. Number of study hours (total) / number of units (total): 180 hours / 12 units

7. Name of the course administrator (if more than one name is mentioned)

Name: Dr. Salah Mahdi Saleh Email:

**1 Teaching and learning strategies**

Scientific lectures - daily, monthly and quarterly tests.

**The strategy**

**Course structure**

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the	the first

			board, applications for using engineering drawing tools	
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Arc, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the	Twenty-first and twenty-second

			solid using the Ellipse instruction in the Auto CAD program.	
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**  
 Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

<b>Learning and teaching resources</b>	
	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Course name: Furniture design

2. Course code

3. Semester/Year: Second

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the hall

6. Number of study hours (total) / number of units (total): 120 hours / 8 units

7. Name of the course administrator (if more than one name is mentioned)

Name: asst.lect. Haider Abdullah Email:

1 Teaching and learning strategies

Scientific lectures - daily, monthly and quarterly tests.	<b>The strategy</b>
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**Course structure**

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing	the first

			tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth

=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

Course evaluation  
 Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

Learning and teaching resources	
	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Course name: Directing and showing

2. Course code

3. Semester/year: First and second semester/second year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the studio and laboratory

6. Number of study hours (total) / number of units (total): 90 hours / 6 units

7. Name of the course administrator (if more than one name is mentioned)

Name: Maha Aboudi Email:

1	Teaching and learning strategies	<b>The strategy</b>
	Scientific lectures - daily, monthly and quarterly tests.	

Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and	Lectures		The importance of	the first

written			engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth

=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**  
 Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Course name: Computer architectural drawing

2. Course code

3. Semester/year: First and second semester/second year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the studio and laboratory

6. Number of study hours (total) / number of units (total): 90 hours / 6 units

7. Name of the course administrator (if more than one name is mentioned)

Name: Maha Aboudi Email:

1 Teaching and learning strategies

Scientific lectures - daily, monthly and quarterly tests.	<b>The strategy</b>
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Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth



1 Teaching and learning strategies				
Scientific lectures - daily, monthly and quarterly tests.				<b>The strategy</b>
Course structure				
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth

=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Course name: Quantitative surveying

2. Course code

3. Semester/year: First and second semester/second year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the hall and workshop

6. Number of study hours (total) / number of units (total): 60 hours / 4 units

7. Name of the course administrator (if more than one name is mentioned)  
 Name: Dr. Ali Abdul Amir Email:

1	Teaching and learning strategies	<b>The strategy</b>
	Scientific lectures - daily, monthly and quarterly tests.	

Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth
=	=		Draw a regular hexagon, a regular pentagon, and a	Seventh and eighth

			regular polygon inside the circle using the Polygon instruction in Auto CAD	
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

#### Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

#### Learning and teaching resources

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

1. Course name: Arabic calligraphy and decoration

2. Course code

3. Semester/year:	First and second semester/second year
4. Date this description was prepared:	3/25/2024
5. Available forms of attendance:	attendance inside the hall and workshop
6. Number of study hours (total) / number of units (total):	120 hours / 8 units
7. Name of the course administrator (if more than one name is mentioned)	
Name	asst.lect. Dargham Saad Falih Email:

1	Teaching and learning strategies	<b>The strategy</b>
	Scientific lectures - daily, monthly and quarterly tests.	

Course structure				
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	Fifth and sixth

=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

#### Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

#### Learning and teaching resources

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

. Course name: Project

2. Course code				
3. Semester/year: First and second semester/second year				
4. Date this description was prepared: 3/25/2024				
5. Available forms of attendance: attendance inside the hall and workshop				
6. Number of study hours (total) / number of units (total): 120 hours / 8 units				
7. Name of the course administrator (if more than one name is mentioned)				
Name		Teaching Group		Email:
1 Teaching and learning strategies				
Scientific lectures - daily, monthly and quarterly tests.				<b>The strategy</b>
Course structure				
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle	Fifth and sixth

			in the Auto CAD program.	
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)

Electronic references, Internet sites

1. Course Name: Computer Applications (2)

2. Course code

3. Semester/year: First and second semester/second year

4. Date this description was prepared: 3/25/2024

5. Available forms of attendance: attendance inside the hall and workshop

6. Number of study hours (total) / number of units (total): 90 hours / 86 units

7. Name of the course administrator (if more than one name is mentioned)

Name: asst.lect. Dargham Saad Falih Email:

1 Teaching and learning strategies

Scientific lectures - daily, monthly and quarterly tests.

**The strategy**

Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	the week
Oral and written	Lectures		The importance of engineering drawing, engineering drawing tools and their use, engineering drawing board sizes, installing the board, applications for using engineering drawing tools	the first
=	=		Drawing data table, types of lines, drawing a panel on the different types of drawing lines in the Auto CAD program	the second
=	=		Writing Arabic and English letters and numbers in Auto CAD	the third
=	=		Geometric operations, bisecting a line, dividing a line into a number of equal parts	IV and
=	=		Connecting two circles with a circle arc from the inside and outside and	Fifth and sixth

			drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the Auto CAD program.	
=	=		Draw a regular hexagon, a regular pentagon, and a regular polygon inside the circle using the Polygon instruction in Auto CAD	Seventh and eighth
=	=		Drawing the model and its applications using Auto CAD	The ninth and tenth
=	=		How to set dimensions on objects using the Dimensions command bar using Auto CAD	The first, second and thirteenth
=	=		Drawing the three projections of the simple solid using Auto CAD	fourteenth
=	=		Draw the solid using the three projections	The fifth, sixth and seventeenth
=	=		Draw the solid using two projections	Eighteenth and nineteenth
=	=		Drawing oval shapes with applications for drawing ovals on the different faces of the solid using the Ellipse instruction in the Auto CAD program.	Twenty-first and twenty-second
=	=		Drawing the vertical projection of objects with cavities and protrusions using Auto CAD	Twenty-third and twenty-fourth

**Course evaluation**

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. The pursuit grade should be 50 and the final exam should be 50%.

**Learning and teaching resources**

	Required textbooks (methodology, if any)
	Main references (sources)

	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites