MinistryE And High ducation SScientific earch
D And the Supervision eviceCScientific alendar
C ircle A Gthe uarantee Q And uality AAcademic ccreditation
to DAccreditation ivide

Academic Program And Course Description Guide Department of Architecyural Design and Decoration Techniques

2026

:the introduction

organized package The educational program is considered a coordinated and 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 or skills of graduates, making them qualified to meet the requirements of the lab market. It is 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 main courses, indicating the skills that students are features of the program and its working to acquire based on the objectives of the academic program. The importance of this description is evident because it represents the cornerstone of aff participates in writing it under obtaining program accreditation, and the teaching st .the supervision of the scientific committees in the scientific departments

This guide, in its second edition, includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of the latest developments in the educational system in Iraq, which included a description academic program in its traditional form (annual, quarterly), in addition to of the adopting the description of the academic program circulated according to the book regarding programs ٢٠٢٣/٣/٥ on ٢٩٠٦ .٣/ ٣ .T.M ،of the Department of Studies .gna Process as a basis for their workthat adopt the Bolo

In this area, we can only emphasize the importance of writing descriptions of to ensure the smooth conduct of the educational academic programs and courses .process

:Concepts and terminology

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

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

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

:Program message activities necessary to explains the objectives and briefly It
.achieve them, and also identifies the program's development paths and directions

:Program objectives These are statements that describe what the academic
e program intends to achieve within a specific period of time and are measurabl
.and observable

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

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

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

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 date16-2-2026
Date of filling the file: 16-2-2026

Signature:
Head of Department Name:.
Assit.Prof. Dr. Hussein Mazloum Abbas
Date:

Signature:
Scientific Associate Name:
Assit.Prof. Salah Mahdi Al-Adly Date:

ا.م.د.صلاح مهدي صالح العادلي
معاون العميد للشوون العلمية

Th e file is checked by:
Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance Department:
. Asst. Prof. zaid abdulkareem alhamidawi
Date:
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 to scientific foundations perpetrators according.

2. **Program message**
.the program's mission as stated in the university's bulletin and website State

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 Al

6. **structure Program**				
*** comments**	**percentage**	**Study unit**	**Number of courses**	**Program structure**
	6.5%	**8**	**4**	**Enterprise requirements**
	24.5%	**30**	**5**	**College requirements**
	68.8%	**84**	**13**	**Department requirements**
		0	**1**	**summer training**
				Other

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

7. Program description				
Year/level	Course or course code	Name of the course or course	Credit hours	
First year		Basics of design	theoretical	practical
		Engineering drawing	-	**3**
		Workshop work	-	**4**
		Finishing materials	**2**	**4**
		Perspective	-	**3**
		Building history	**2**	-
		Layout and colours	**1**	**3**
		Calculator Apps (1)	**1**	**1**
		Human rights and democracy	**1**	-
		English language	**1**	-
		Arabic language	**1**	
Second year		interior design		
		furniture design	**2**	**4**
		Bring out and show	**1**	**3**
		Computer architectural drawing	**3**	**---**

		Make models	**----**	**4**
		Quantitative survey	**2**	**---**
		Arabic calligraphy and decoration	**---**	**4**
		English language	**1**	---
		The project	**2**	**-**
		Calculator applications	**1**	

8. Expected learning outcomes of the programme

Knowledge	
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 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**
Explaining the scientific material to students in detail, relying on modern teaching and learning methods and strategies, such as the modified lecture method, discussion, brainstorming, exploration or investigation methods, and other methods that develop students' creative and artistic abilities. - Using raw materials to create modern products and utilizing them in daily practical exercises. - Creating models and exercises required for architectural models. - Implementing graduation projects capable of competing in local markets. E-learning includes: • Video lectures in PDF format. • Conducting online classes and online meetings to explain and discuss lectures. • Creating online assignments and homework for students.

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			1	
Teacher	Applied Arts	Arts			1	
Assistant teacher	Applied Arts	Arts			3	
Assistant Professor	Management and Economics	Tourism			1	
Assistant teacher	waterre sources	Building			1	

development Professional
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- The scientific curricula prescribed by the specialized sector committees of the Technical Education Authority. 2- Amendments proposed by department faculty members, not exceeding 20% of the prescribed curriculum, according to labor market requirements and scientific developments in various fields of science, arts, architecture, and modern industry. 3- Specialized seminars and training courses with beneficiaries. 4- The use of artificial intelligence in arts and architecture journals from various sources, including: • The effectiveness of artificial intelligence in the design of architectural and urban sculpture: Author: Salma Mohsen • The artificial intelligence revolution in architecture and construction [2023] - GESCO • Artificial intelligence in the preservation of arts and cultural heritage - Mustafa Ibrahim • The challenges of artificial intelligence as an educational medium for creativity in the field of fine arts - Dr. Ruqaya Abdo

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															
				outcomes required from the programme Learning											
Year/level	Course Code	Course Name	Essential or optional؟	Knowledge				Skills				Value			
				١A	٢A	٣A	٤A	١B	٢B	٣B	٤B	١C	٢C	٣C	٤C
First year	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	*		*			*	*					*

	Language Arabic			*		*			*	*					*
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	*		*		*	*	*	*	*	*		*

	Language Arabic		**General**	*		*	*						*		

- **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: 16/2/2026
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 tha one name is mentioned)
Name Ms. Mustafa rahman
1. Goal of the material
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 within advanced artistic scientific foundations through the analytical study of artistic elements, wheth geometric or natural, and employing them in artistic formation processes based on the scientifi principles approved within this field. **Special goal: Employing design elements and linking them artistically in architectural design a decoration works.**
2. Teaching and learning strategies

The strategy	Scientific lectures - practical lectures - scientific trips - daily, monthly and quarterly tests And scientific reports.

3. Course structure					
the week	**hours**	**Required learning outcomes**	**Name of the unit or topic**		**Evaluation method**
the first	۳	**general introduction 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 seco	۳	A detailed explanation o the design elements (po line, direction, space, siz texture, color value) and explanation of their possibilities, types, and shapes using illustrative means.			
the thir	۳	An analytical study of design principles (harmony, repetition, contrast, etc.) and their i in the process of artistic composition by achievin the best visual comprehension by selecting appropriate elements and methods o relating them to the corr basic relationships to accomplish and realize t design idea.			
the four	۳	**Explaining importance of des principles in gene and the three ba methods in composition proc (repetition of eleme their harmony a opposition) particular, us**			

		illustrative means the composit process.			
Fifth	**٣**	**A review of des principles with analytical explanat of each of them a their relationships w each other in artwork, using poss illustrative me (repetition, harmo progression, dominance, un balance).**			
VI	**٣**	**An analytical study repetition and explanation of different types a forms (monoton repetition, n monotonous repetiti free repetiti rhythmic repetiti with an explanation methods for achiev the best vis comprehension of design.**			
Seventh	**٣**	An analytical study on harmony in artistic composition an an explanation its types and			

		through the various artistic elements using the available explanatory means.				
VIII	٣	An analytical study of gradation as on of the basic principles, with an explanation its types and possibilities through application to t various elemen (gradation by length, size, lig spot, colours, area, direction...etc.)				
Ninth	٣	An analytical study of contrast and clarificatior its importance in the process of arti composition, its types and possibili (opposition by length, size, color, value, directi etc.)				
The ten	٣	An analytical study on balance, as it is one of important and basic principles in any plastic wo with an explanation of its types and the possibi of achieving it through better comprehension the artistic work using possible explanat means.				
eventl	٣	An analytical study of unity in arti composition for the best visual understanding reach the design idea (unity of form, unity content).				
twelvet	٣	An analytical study on importance of sovereig and its role in realizing idea in the artistic w using possible explana means.				
Thirtee	٣	An analytical study symmetry and importance as a type repetition, which achie				

		the best vi comprehension of artistic work along v visual comprehension the artistic work and explanation of its var uses.			
fourtee	٣	A general review (artistic-material) relationships and t uses in the art composition process.			
Fifteent	٣	How to achieve the de idea using more than principle.			
Sixteen		Criticism, analysis discussion of stude work.			
Sevente		An analytical explanatio the importance of better comprehension of the artistic work and how to achieve it using the laws visual comprehension (juxtaposition, symmetr continuity... etc.) using possible explanatory means.			
Eightee		An analytical study on colors as one of the important basic element the composition process			
Ninetee		Explaining the different color theories with an explanation of their psychological effects.			
Twenty		An analytical study on texture as one of the des elements.			
Twenty noe		Explaining the artistic potential of texture and effect on artistic work.			
Twenty two		Explaining the importan of juxtaposition, texture and overlay in artistic works.			
Twenty three		Studying the effect of juxtaposition, texture, a overlay in works of art a their effects to achieve t best understanding of th idea for the viewer.			
Twenty four		Explaining the importa of light value as one of main elements through use of different mater and their effects on artwork.			

Twenty five		A critical analytical st of various works of (local, internati designs, paintings, etc.).			
Twenty sex		An analytical study highlight the importanc relationships, how employ elements in art work, and its implicat for the exercises compl by students.			
Twenty seven		An analytical study three-dimensional sha in terms of size, forma process, and viev angles of these shapes.			
Twenty eight		Explaining the importa of studying th dimensional shapes terms of size, composi process, viewing ang and their applications various design fi (prints, fabrics).			
Twenty nine		A general review of design and its foundati and an emphasis on most important aspects the composition process			
Thirty		A critical and analyt study of students' exerc that are completed as f works that include outcome of the scien material for the acade year.			

4. Course evaluation

according to the tasks assigned to the student, such as daily preparation, ١٠٠Distribution of the grade out of .daily, oral, monthly, written exams, reports, etc	

5. Learning and teaching resources

(textbooks (methodology, if any Required	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 (....journals, reports scientific)	
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 artistic elements and principles to guide specific design ideas.	27th
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 16/2/2026
5. Available forms of attendance: attendance inside th
6. Number of study hours (total) / number of units (to
7. Name of the course administrator (if more than one
Name: M.M. zahraa falah
Objectives of the study subject
1. Teaching and learning strategies
.Scientific lectures - practical lectures - scientific trips - daily, monthl
1. Course structure

Evaluation method	
Oral and written And practical Tests	
=	
=	
=	
=	اختبارات شفهية وتحريرية وعملية
=	
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1. Course evaluation
Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparat on, dai exam should be 50%.

2. Learning and teaching resources

	the w
Practical applicatio s using different functions (orizo visualization using t e 3D	
Using the 3D Max a d Aut methods of installat on and three-dimensional d awing program.	
Seating units (seats) Prepa model differ from o e stud	
Using the Auto Cad progra (geometric projecti s and	
Begin implementing model	
Complete the forms n app	
Preparing a prelimi ary de manufacturing mate ials, a	
Submitting the final plans program and choosi g a m	
Complete the forms n app	
Preparing prelimina y desi	

Finalizing the drawi gs, su implemented in the orksh
Begin implementing model
Complete the forms n appr
Preparing prelimina y desig
Providing the final p ans (p units implemented i the A implementation.
Begin implementing model
Complete the forms n appr
Preparing prelimina y desig choice
Providing final plan (proje executed using the A UTO
Complete the forms n appr

1. Course name: Engineering drawing
2. Course code
3. Semester/year: First and second semester/first academic year
4. Date this description was prepared: 16/2/2026
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 Ali Abdul Amir

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. **Specific goal: To provide the student with the necessary skill to read the design..**	**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, 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	Seventh and eighth

			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
=	=		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: 16/2/2026
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: M.M. dirgham saad

1. Teaching and learning strategies

The strategy
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	Seventh and eighth

			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: Finishing materials
2. Course code
3. Semester/year: First and second semester/first academic year
4. Date this description was prepared: 16/2/2026
5. Available forms of attendance: attendance inside the hall, workshop, and closings
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: M d ali abd alameer

1. Teaching and learning strategies

The strategy
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: Perspective
2. Course code
3. Semester/year: First and second semester/first academic year
4. Date this description was prepared: 16/2/2026
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: M.M. Zahraa Falah Abdel Moneim Email:

1. Teaching and learning strategies

The strategy
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: History of Architecture
2. Course code
3. Semester/year: First and second semester/first academic year
4. Date this description was prepared16/2/2026
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

The strategy
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: Planning and colours	
2. Course code	
3. Semester/year: First and second semester/first academic year	
4. Date this description was prepared: 16/2/2026	
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 : asst.lec M.M.Russel Abdel Hadi email:	
1. Course name: Planning and colours	1. Course name: Planning and colours

1. Teaching and learning strategies	
	The strategy

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: computer applications1	
2. Course code	
3. Semester/year: First and second semester/first academic year	
4. Date this description was prepared: 16/2/2026	
5. Available forms of attendance: attendance inside the hall and laboratory	
6. Number of study hours (total) / number of units (total): 30 hours / 2 units	
7. Name of the course administrator (if more than one name is mentioned)	
Name M.M. dirgham saad 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 drawing a circle that touches the sides of a known	Fifth and sixth

				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: Human Rights and Democracy
2. Course code
3. Semester/year: First and second semester/first academic year
4. Date this description was prepared16/2/2026
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. M.M. mahdi Email:

1. Teaching and learning strategies

The strategy
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

((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 prepared16/2/2026
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 Mudar Reda Hussein Email:

1. Teaching and learning strategies

The strategy
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: Furniture design
2. Course code
3. Semester/Year: Second
4. Date this description was prepared16/2/2026
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. m m zahraa falah:

1. Teaching and learning strategies

The strategy
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: Directing and showing	
2. Course code	
3. Semester/year: First and second semester/second year	
4. Date this description was prepared: 16/2/2026	
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.	**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 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: 16/2/2026

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

The strategy
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	Fifth and sixth

				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: Making models
2. Course code
3. Semester/year: First and second semester/second year
4. Date this description was prepared16/2/2026
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: M.M. haider abdalilah Email:

1. Teaching and learning strategies

The strategy
Scientific lectures - daily, monthly and quarterly tests.

Course structure

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

=	=		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: 16/2/2026
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

The strategy
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: Arabic calligraphy and decoration	
2. Course code	
3. Semester/year: First and second semester/second year	
4. Date this description was prepared: 16/2/2026	
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	
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 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: Project
2. Course code
3. Semester/year: First and second semester/second year
4. Date this description was prepared16/2/2026
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: **Prof. Dr. Hussein Mazloum Abbas** 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 drawing a circle that touches the sides of a known triangle, inside and outside, by commanding Are, Circle in the	Fifth and sixth

				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 prepared16/2/2026
5. Available forms of attendance: attendance inside the hall and workshop
6. Number of study hours (total) / number of units (total): 30 hours / 2 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

The strategy
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