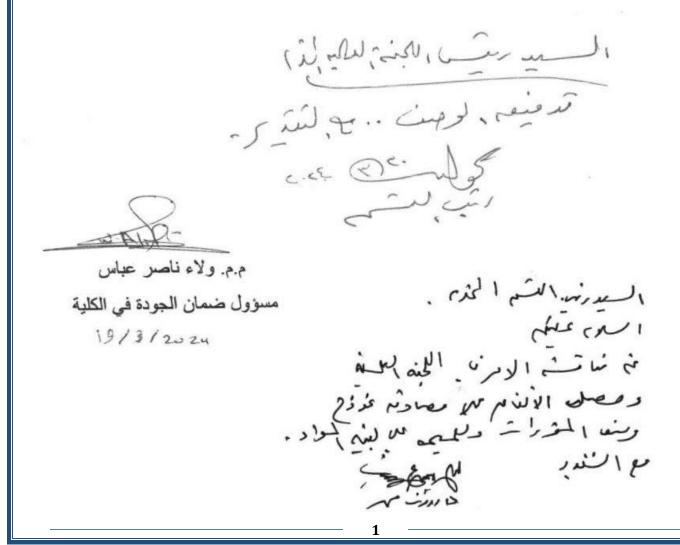
السيد رئيس قسم هندسة تقنيات التبريد والتكييف

م/ وصف المقررات الدراسية

تحية طيبة....

نرفق لكم ربطاً وصف المقررات الدراسية للمواد الدراسية في القسم للتفضل بالمصادقة عليها.

مع فائق الاحترام والتقدير.....



Course Description Form

1. Course Name:

Computer Application II

2. Course Code:

MPAC301

3. Semester / Year:

Annual system / 2023-2024

4. Description Preparation Date:

The beginning of the university calendar for the year (2023–2024)

5. Available Attendance Forms:

Weekly (theoretical + practical)

6. Number of Credit Hours (Total) / Number of Units (Total)

90 hour (30 theoretical hours + 60 practical hours)/4 units

7. Course administrator's name (mention all, if more than one name)

Name: Asst. Lect. Mohammed Iyad Ali Email: mohammed.iyad@uowa.edu.iq

8. Course Objectives

Course Objectives	1. The ability to keep pace with scientific and technical
	modernity
	2. Demonstrate the student's ability to use knowledge to
	prepare scientific and applied research.
	3. The ability to think to extract engineering solutions to
	problems related to air conditioning systems.
	4. The ability to use electronic programs to solve
	problems with air conditioning systems.
	5. Teaching leadership skills, the value and quality of
	commitment, love of work and loyalty to it

9. Teaching and Learning Strategies

Strategy Explaining the lesson material in a clear manner to the student, th working on applying the explanations on the computer.

Involving the student in the lecture and explaining the available we possibilities and the various applications of this program.

10. Course Structure

Week	Hours	Required	Unit or subject name	Learning	Evaluation	
		Learning		method	method	

		Outcomes				
1 2 3 4	3	Student understanding of the lecture	Gear connection: - Nuts - Bolts - Al-Washrat	Daily and weekly testing	Theoretical and practical lecture	
5	3	Student understanding of the lecture	Transmission shafts of all kinds,	Daily and weekly testing	Theoretical and practical lecture	
6	3	Student understanding of the lecture	drawing Cylinder	Daily and weekly testing	Theoretical and practical lecture	
7	3	Student understanding of the lecture	Multi-section transmission shaft	Daily and weekly testing	Theoretical and practical lecture	
8	3	Student understanding of the lecture	Gears	Daily and weekly testing	Theoretical and practical lecture	
9	3	Student understanding of the lecture	Al-Dashli	Daily and weekly testing	Theoretical and practical lecture	
10	3	Student understanding of the lecture	The Sandpaper	Daily and weekly testing	Theoretical and practical lecture	
11	3	Student understanding of the lecture	Fillet	Daily and weekly testing	Theoretical and practical lecture	
12	3	Student understanding of the lecture	Transmission shaft accessories	Daily and weekly testing	Theoretical and practical lecture	
13	3	Student understanding of the lecture	Rolling supports	Daily and weekly testing	Theoretical and practical lecture	
14	3	Student understanding of the lecture	Pipes (peripheral and central)	Daily and weekly testing	Theoretical and practical lecture	
15	3	Student understanding of the lecture	Leakage contraindications	Daily and weekly testing	Theoretical and practical lecture	
16	3	Student understanding of the lecture	Bush: Assembly drawing exercise	Daily and weekly testing	Theoretical and practical lecture	
17-21	3	Student understanding of the lecture	Springs: - Compressive - Stretching - Torsional	Daily and weekly testing	Theoretical and practical lecture	
22-23	3	Student understanding of the lecture	Assembly drawing exercise	Daily and weekly testing	Theoretical and practical lecture	
24-25	3	Student	Threshold clips	Daily and weekly	Theoretical and	

		understanding of the lecture				testing		p	ractical lecture	
26	3	Student understanding of the lecture	the accounts			Daily and weekly testing			heoretical and ractical lecture	
27	3	Student understanding of the lecture	Moment of inertia			Daily and weekly testing			Theoretical and practical lecture	
28	3	Student understanding of the lecture	3 0		Daily and weekly testing		_	Theoretical and practical lecture		
29-30	3	Student understanding of the lecture	Tenderness		Daily and weekly testing			Theoretical and practical lecture		
11. Course Evaluation										
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc										
12. Learning and Teaching Resources										
Require	Required textbooks (curricular books Engineering Design and Graphics with SolidWorks® by						by			
any)			James D. Bethun	ne						
Main references (sources)			Engineering De	sigr	n and	Graphics v	vith	SolidWorks®	by	
			James D. Bethun	ne						
Recommended books and references			Engineering De	sigr	n and	Graphics w	vith	SolidWorks®	by	
(scientific journals, reports)			James D. Bethune							
Electronic References, Websites			https://youtube.com/@mohammedalzubaidy7979?si=GcMp-							
			LCnajh8ZJec							