

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.....

السيد رئيس اللجنة العليا
تدقيق، لوصف .. مع لئلا
كوليتي
أب بلس



م.م. ولاء ناصر عباس

مسؤول ضمان الجودة في الكلية

19/3/2024

السيد رئيس القسم المحترم .
استاذ محترم

تم مناقشة الامتحان اللجنة
وصلى الأندام مع مصادرة نموذج
وصف المقررات والبيانات الخاصة بالمواد
مع الشكر
د. محمد

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			<ol style="list-style-type: none"> 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		<p>Explaining the lesson material in a clear manner to the student, then working on applying the explanations on the computer.</p> <p>Involving the student in the lecture and explaining the available work possibilities and the various applications of this program.</p>			
10. Course Structure					
Week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation 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	practical lecture
26	3	Student understanding of the lecture	the accounts	Daily and weekly testing	Theoretical and practical 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	Assembly drawing exercise	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

Required textbooks (curricular books by any)	Engineering Design and Graphics with SolidWorks® by James D. Bethune
Main references (sources)	Engineering Design and Graphics with SolidWorks® by James D. Bethune
Recommended books and references (scientific journals, reports...)	Engineering Design and Graphics with SolidWorks® by James D. Bethune
Electronic References, Websites	https://youtube.com/@mohammedalzubaidy7979?si=GcMp-LCnajh8ZJec