

Course Description Form

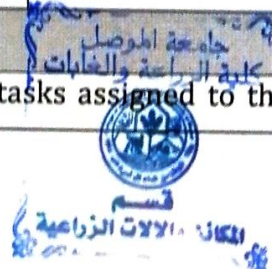
1. Course Name:	
Workshop 2	
2. Course Code:	
WORS 246	
3. Semester / Year:	
First semester/2023-2024	
4. Description Preparation Date:	
1-2-2024	
5. Available Attendance Forms:	
Attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
3hr/1.5unit	
7. Course administrator's name (mention all, if more than one name)	
<ul style="list-style-type: none"> • Ahmed Saadoon Abdalaziz, Email: Ahmed.saadoon@uomosul.edu.iq • Qays Hazim Ismail, Email: qayshazim1970@uomosul.edu.iq 	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> -Student should be able to understand about methods of mechanical machining. -Student should be able to understand how to select the type of machine for production. -Student should be able to understand effect of machining conditions on surface finish of products.
9. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> -Classification of machining methods -Types of machines in workshop -Mechanical measurements methods -Modern technology in machining -Make reports from students on machining. -Discussion -Motivation of practical skills on learning.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3practical	Learning about methods of mechanical Machining.	Classification machining methods	Attendance (experiment).	Oral exam
2	3practical	Learning about Principles of turningII	TurningII	Attendance (experiment).	Oral exam
3	3practical	Practice on turning machinell	TurningII	Attendance (experiment).	Report
4	3practical	Learning about millingII	MillingII	Attendance (experiment).	Oral exam
5	3practical	Practice on milling machinell	MillingII	Attendance (experiment).	Report
6	3practical	Practice on abrasion machinell	Abrasion machinell	Attendance (experiment).	Oral exam
7	3practical	Practice on grinding machinell	Grinding machinell	Attendance (experiment).	Oral exam
8	3practical	Learning about types of welding methodsII	WeldingII	Attendance (experiment).	Oral exam
9	3practical	Practice on weldingII	WeldingII	Attendance (experiment).	Report
10	3practical	Learning about casting of metalsII	Casting of metalsII	Attendance (experiment).	Oral exam
11	3practical	Learning about sands of castingII	Casting sands lab.II	Attendance (experiment).	Report
12	3practical	Learning about types of measurements toolsII	MeasurementsII	Attendance (experiment).	Oral exam
13	3practical	Practice on measurements II	MeasurementsII	Attendance (experiment).	Report
14	3practical	Learning about non conventional machining methods	Non conventional machining	Attendance (experiment).	Oral exam
15	3practical	Learning about cutting by wire	Wire cut machine	Attendance(experiment)	Report

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

1-Oral exams=15%

2-Reports=10%

3-Term exam =25%

4-Final exam=50%

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	



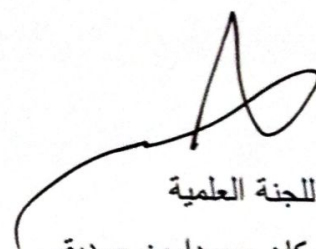
مدرس المادة
قيس حازم اسماعيل



مدرس المادة
احمد سعدون عبد العزيز



رئيس قسم المكين وآلات الزراعة
ا. م. فؤاد عيسى عطيميد



رئيس اللجنة العلمية
ا. د. اركان محمدامين صديق