



Ministry of Higher Education and
Scientific Research - Iraq
University of Tikrit
College of Petroleum Process Engineering
Department of Petroleum and Gas Refining
Engineering



MODULE DESCRIPTOR FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	Engineering Workshops	Module Delivery	
Module Type	Suplement	<input checked="" type="checkbox"/> Theory	
Module Code	PGR126	<input type="checkbox"/> Lecture	
ECTS Credits	2	<input type="checkbox"/> Lab	
SWL (hr/sem)	50	<input type="checkbox"/> Tutorial	
		<input checked="" type="checkbox"/> Practical	
		<input type="checkbox"/> Seminar	
Module Level	UGI	Semester of Delivery	2
Administering Department	PGR	College	PPE
Module Leader	Abd Fares Ali	e-mail	abdfaris@tu.edu.iq
Module Leader's Acad. Title	Lecturer	Module Leader's Qualification	MSC
Module Tutor	Mahmoud Shukri Dirar	e-mail	mahmoed_alosi@yahoo.com
Peer Reviewer Name	-	e-mail	-
Review Committee Approval		Version Number	1.0

Relation With Other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	-
Co-requisites module	None	Semester	-

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Aims أهداف المادة الدراسية	Theoretical and practical training in which the student is scientifically and technically established with the most necessary skills in the field of engineering technology.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	On completion of this course students will be able to: Knowledge of technical skills in the field of: <ol style="list-style-type: none">1. industrial safety.2. Measurement.3. Filing.4. Carpentry.5. Welding.6. Mechanical operation.7. Sanitary engineering.8. The basics of electrical work.
Indicative Contents المحتويات الإرشادية	Indicative content includes the following: <ol style="list-style-type: none">1. Industrial safety workshop [2 hrs].2. Measurement & Marking workshop [3 hours].3. Filing workshop [5 hrs].4. Carpentry workshop [5 hrs].5. Welding workshop [5 hrs].6. Casting workshop [5 hrs].7. Machining workshop [5 hrs].8. Plumbing workshop [5 hrs].9. Electrical workshop [2 hrs].
Learning and Teaching Strategies استراتيجيات التعلم والتعليم	
Strategies	The learning and teaching strategy is designed to: Carefully cover in lectures the necessary fundamental material and analytical techniques, and demonstrate concepts with appropriate (and where possible practical) examples Allow students adequate time to practice the techniques using a large number of carefully selected tutorial problems.

Student Workload (SWL)

الحمل الدراسي للطالب

Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	31	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	19	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	1.5
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	50		

Module Evaluation

تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	20% (20)	6, 12	LO #1-4, and 6, 7
	Assignments	9	20% (20)	Continuous	
	Labs.	-	-	-	-
	Report	-	-	-	-
Summative assessment	Midterm Exam	2 hr	10% (10)	7	LO #1-5
	Final Exam	2 hr	50% (50)	16	All
Total assessment		100% (100 Marks)			

Delivery Plan (Weekly Syllabus)

المنهاج الأسبوعي النظري

	Material Covered
Week 1	Industrial safety workshop & measurement and marking workshop
Week 2	Filing workshop
Week 3	Filing workshop
Week 4	Carpentry workshop
Week 5	Carpentry workshop
Week 6	Welding workshop
Week 7	Welding workshop
Week 8	Plumbing workshop
Week 9	Plumbing workshop
Week 10	Machining workshop
Week 11	Machining workshop
Week 12	Casting workshop

Week 13	Casting workshop
Week 14	Electrical workshop
Week 15	Preparatory Week
Week 16	Final Exam

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	Abd Fares, Engineering workshops	Yes
Recommended Texts	Technology of Machine Tools, Steve F. Krar & J. William Oswald, McGraw-Hill, 4 th Ed., 1991.	No
Websites	-	

APPENDIX:

GRADING SCHEME مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 - 49)	FX – Fail	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note:

NB Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.