



Course Weekly Outline

Course Lecturer	Adil Kadhim Abdul Abbas				
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Title	Assistance teacher				
Course Coordinator	Adil Kadhim Abdul Abbas				
Course Objective	The main object of this unit is to identify the students on the gain of the manual skills by preceding the operations and manufacturing processes, and doing the maintenance by using different manual tools and measuring instruments				
Course Description	By the end of the engineering mechanics module, students should be able to: preceding the operations and manufacturing processes, and doing the maintenance by using different manual tools and measuring instruments.				
Textbook	Al-Azawi, Abd Faris, Engineering workshops, Tikrit university, College of Engineering, 2022.				
References	<ol style="list-style-type: none"> 1. Khalid Ayob, Salman Dawod, Engineering Workshops manual, Basra University, College of Engineering, 1986. 2. Sing, Rajendar, Introduction to Basic Manufacturing Process Workshop Techn ; Publication date. January 1, 2010. 				
Course Assessment	Term Exam	Project	practical	Quizzes and Attendance	Final Exam
			X	X	
General Notes	The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, and hand-in assignments while at the same time refining and expanding their critical thinking skills through the written exam, Case studies, Quizzes, seminars, Practical testing, and this will be achieved through classes and interactive tutorials.				



Week	Date	Topics Covered	Number of Hours	Notes
1	2023/11/20	Industrial Safety	6	No. of hour for each of the two sections
2	2023/11/27	Measurement Tools: Vernier	6	
3	2023/12/4	Measurement Tools: Micrometer	6	
4	2023/12/11	Grinding	6	
5	2023/12/18	Sawing	6	
6	2023/12/25	Drilling	6	
7	2023/12/31	Carpentry	6	
8	2024/1/7	Lathe parts and tools	6	
9	2024/1/14	Turning training	6	
10	2024/1/21	manual Welding	6	
11	2024/1/28	Welding training	6	
12	2024/2/4	MIG and TIG Welding	6	
13	2024/2/11	Point welding	6	
14	2024/2/18	SAW welding	6	

15	2024/2/25	Gas Welding	6	
16	2024/3/3	Gas Cutting	6	
17	2024/3/10	Shaping Machine	6	
18	2024/3/17	Casting I	6	
19	2024/3/24	Casting II	6	
20	2024/3/31	Forging	6	

Lecturer signature

Head of Department Signature