

Training and Workshop Center Courses at the University of Technology for the period from (8/9/2024) to (30/1/2025)

Participant Qualifications	Instructor Name	Course Objective	Fees	Duration	Date	Course Name	No
Courses in the Automotive Field							
Engineers or technicians working in the course field	Prof. Dr. Hassanein Adnan, Eng. Haitham Mohammed Ibrahim, Abbas Mahdi Abbas	Introduction to Hybrid Cars: Types, Operation, Faults, Maintenance	75.000	1 Week	2024/9/12-9/8	Hybrid Cars: Types, Operation, Faults, Maintenance	1
			75.000	1 Week	2024/10/10-10/6		
			75.000	1 Week	2024/11/7-11/3		
			75.000	1 Week	2024/12/5-12/1		
			75.000	1 Week	2025/1/30-1/26		
Engineers or technicians (Mechanical-Electrical)	Prof. Dr. Hassanein Adnan, Eng. Haitham Mohammed Ibrahim, Prof. Dr. Iqbal Abdullah Rashid	Introduction to Pump Types, Operation, and Maintenance Programs	75.000	1 Week	2024/9/19-9/15	Metal Classification in Industry and Heat Treatments	2
			75.000	1 Week	2024/10/17-10/13		
			75.000	1 Week	2024/11/14-11/10		
			75.000	1 Week	2024/12/12-12/8		
			75.000	1 Week	2024/12/12-12/8		
Engineers or technicians (Mechanical-Electrical)	Prof. Dr. Hassanein Adnan, Eng. Haitham Mohammed Ibrahim, Prof. Dr. Iqbal Abdullah Rashid	Basics of Maintenance of Automated Sensor Systems in Modern Machinery and Equipment	75.000	1 Week	2024/9/26-9/22	Maintenance of Automated Sensor Systems in Modern Machinery and Equipment	3
			75.000	1 Week	2024/10/24-10/20		
			75.000	1 Week	2024/11/21-11/17		
			75.000	1 Week	2024/12/19-12/16		
			75.000	1 Week	2025/1/16-1/12		

Engineers or technicians working in the course field	Eng. Haitham Mohammed Ibrahim, Suhail Taleb Suleiman, Abbas Mahdi Abbas	Different Types of Manual and Automatic Transmissions, Mechanisms, Problems, and Maintenance	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/10/3-9/29 2024/10/31-10/27 2024/11/28-11/24 2024/12/26-12/22 2025/1/30-1/26	Manual and Automatic Transmissions	4
Engineers or technicians (Mechanical-Electrical)	Prof. Dr. Hassanein Adnan, Eng. Haitham Mohammed Ibrahim, Abbas Mahdi Abbas	Types of Turbines: Operation and Maintenance	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/19-9/15 2024/10/17-10/13 2024/11/14-11/10 2024/12/12-12/8	Turbines: Types, Operation, and Maintenance	5
Engineers or technicians working in the same field	Eng. Haitham Mohammed Ibrahim, Prof. Dr. Hassanein Adnan, Suhail Taleb Suleiman	Sensors and Actuators in Modern Cars: Theory, Operation, and Maintenance	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/26-9/22 2024/10/24-10/20 2024/11/21-11/17 2025/1/16-1/12	Sensors and Actuators in Modern Cars	6
Engineers or technicians (Mechanical-Electrical)	Prof. Dr. Hassanein Adnan, Eng. Haitham Mohammed Ibrahim, Prof. Dr. Iqbal Abdullah Rashid	Heat Exchangers: Types, Operation, Applications, and Maintenance	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/10/3-9/29 2024/10/31-10/27 2024/11/28-11/24 2025/1/30-1/26	Heat Exchangers: Types, Applications, Operation, and Maintenance	7
Engineers or technicians working in the course field	Eng. Haitham Mohammed Ibrahim, Suhail Taleb Suleiman	Modern Safety Systems for Drivers and Users	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/12-9/8 2024/10/10-10/6 2024/11/7-11/3 2025/1/30-1/26	Safety and Protection Systems in Modern Cars	8

Engineers or technicians working in the same field	Assist. Prof. Nizar Yasser Jassim, Majid Fadel Sajit	Principles of Electronic Control Systems in Modern Cars	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/19-9/15 2024/10/17-10/13 2024/11/14-11/10 2024/12/12-12/8	Fault Diagnosis in Modern Cars	9
Engineers or technicians working in the same field	Assist. Prof. Nizar Yasser Jassim, Majid Fadel Sajit	Principles of Modern Car Air Conditioning Systems and Their Maintenance	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/19-9/15 2024/10/17-10/13 2024/11/14-11/10 2024/12/12-12/8	Principles of Car Air Conditioning Systems and Their Maintenance	10
Engineers or technicians (Mechanical-Electrical)	Eng. Haitham Mohammed Ibrahim, Suhail Taleb Suleiman	Maintenance and Overhaul of Modern Gasoline Engines	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/10/3-9/29 2024/10/31-10/27 2024/11/28-11/24 2024/12/26-12/22 2025/1/30-1/26	Maintenance and Overhaul of Modern Gasoline Engines	11
Engineers or technicians working in the course field	Mohammed Hamza Abbas, Majid Fadel Sajit	Installation and Maintenance of Air Conditioning Systems (unit split, unit package, window type)	150.000 150.000 150.000 150.000	2 Weeks 2 Weeks 2 Weeks 2 Weeks	2024/9/19-9/8 2024/10/17-10/6 2024/11/14-11/3 2024/12/19-12/8	Maintenance of Air Conditioning Systems (unit split, unit package, window type)	12
Courses in the Field of Electricity							
Must be engineers or technicians working in the course field	Dr. Samira Saadi Shajar Hussein Lutfi Abdul Rahman Mohammed Hadi	Training participants on home electrical installations and modern methods of home protection	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/12-9/8 2024/10/10-10/6 2024/11/7-11/3 2024/12/5-12/1	Home Electrical Installations and Protection Devices	13
Must be engineers or technicians working in the course field	Dr. Alaa Fadel Aidan Hussein Lutfi Abdul Rahman	Training on control circuits for single-3 phase AC motors, Explaining materials in control circuits	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/19-9/15 2024/10/17-10/13 2024/11/14-11/10 2024/12/12-12/8	How to Control AC Motors	14

Courses in the Field of Turning and CNC							
Graduate of a vocational high school or higher	Ahmed Salman Hamoud, Azra Hussein Hilal	Preparing trained cadres in operating and programming CNC machines with FANUC system	75.000 75.000	1 Week 1 Week	2024/9/8 2024/10/6	Introduction to Operation and Programming of CNC Machines with FANUC System	15
Graduate of a vocational high school or higher	Ahmed Ghazi Abdul Amir, Jalal Ghanem Mohammed	Preparing operators capable of programming CNC with SIEMENS system	75.000 75.000	1 Week 1 Week	2024/9/19-9/15 2024/10/17-10/13	Introduction to Operation and Programming of Milling Machines with SIEMENS System	16
Graduate of a vocational high school or higher	Abdullah Abdul Qader Ayash, Eyad Taha Abd	Introducing the basics of CNC lathe machines and how to maintain CNC machines with FANUC system	75.000 75.000	1 Week 1 Week	2024/9/26-9/22 2024/10/24-10/20	Maintenance of CNC Machines with FANUC System	17
Courses in the Field of Blacksmithing							
High school graduate or higher	Nada Abdul-Hadi Mahdi, Awatef Abdul-Aadil, Hadeer Sameer Qasem	Training participants on manual blacksmithing techniques and the tools and molds used in blacksmithing	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/9/26-9/22 2024/10/24-10/20 2024/11/21-11/17 2024/12/19-12/16 2025/1/16-1/12	Advanced Blacksmithing Techniques	18
Courses in the Field of Welding							
Engineers or technicians working in welding field	M. M. Mohammed Sabeih Mohammed, Alaa Hussein Aliwi	Detailed explanation of welding techniques, methods, and common defects	75.000 75.000 75.000 75.00	1 Week 1 Week 1 Week 1 Week	2024/9/12-9/8 2024/10/10-10/6 2024/11/7-11/3 2024/12/5/12/1	Principles of welding methods and common defects	19

Engineers or technicians working in welding field	M. M. Mohammed Sabeih Mohammed, Alaa Hussein Aliwi	Explanation of welding techniques for pipes-tanks made of carbon and stainless steel	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/19-9/15 2024/10/17-10/13 2024/11/14-11/10 2024/12/12-12/8	Techniques for welding pipes and tanks	20
Engineers or technicians working in welding field	M. M. Mohammed Sabeih Mohammed, Alaa Hussein Aliwi	Theoretical and practical explanation of oxy-acetylene welding	75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/26-9/22 2024/10/24-10/20 2024/11/21-11/17 2024/12/19-12/16	Fundamentals of oxy-acetylene welding	21
Engineers or technicians working in welding field	M. M. Mohammed Sabeih Mohammed, Alaa Hussein Aliwi	Theoretical and practical explanation of TIG welding with inert gases	75.000 75.000 75.00	أسبوع أسبوع أسبوع	2024/9/12-9/8 2024/10/10-10/6 2024/11/7-11/3	Fundamentals of TIG welding with inert gases	22
Vocational high school graduate or higher	Hussein Rameez Mohammed, Mohammed Fadel Akkar	Theoretical and practical explanation of manual electric arc welding	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/9/19-9/15 2024/10/17-10/13 2024/11/14-11/10 2024/12/12-12/8	Advanced fundamentals of manual electric arc welding	23
Courses in the Field of Occupational Safety							
Participant must have a secondary school diploma, a diploma, or a bachelor's degree	Prof. Dr. Wissam Hameed Alawee, Ghania Yasser Mohammed	Understanding occupational and health safety in the work environment, familiarization with international/local systems and application methods	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/10/3-9/29 2024/10/31-10/27 2024/11/28-11/24 2024/12/26-12/22 2025/1/30-1/26	Occupational Safety	24