

## Training and Workshop Center Courses at the University of Technology for the period from (11/2/2024) to (2024/6/27)

Participant Qualifications	Instructor Name	Course Objective	Fees	Duration	Date	Course Name	No
<b>Courses in the Automotive Field</b>							
All engineers or technicians/Mechanics-Electricity	Prof. Dr. Hassanain Adnan	The course aims to introduce the types of heat exchangers, their working principle, applications, and maintenance methods	75.000	1 Week	2024/2/15-11	Types, applications, and principles of heat exchangers with maintenance	1
			75.000	1 Week	2024/3/7-3		
			75.000	1 Week	2024/5/9-5		
			75.000	1 Week	2024/6/6-2		
All engineers or technicians/Mechanics-Electricity	Prof. Dr. Hassanain Adnan, Eng. Haitham Mohammed Ibrahim	The course aims to introduce the types of pumps, their working principle, and maintenance programs	75.000	1 Week	2024/2/29-25	Types of pumps, their working principle, and maintenance programs	2
			75.000	1 Week	2024/4/25-21		
			75.000	1 Week	2024/5/23-19		
			75.000	1 Week	2024/6/27-23		
All engineers or technicians/Mechanics-Electricity	Prof. Dr. Hassanain Adnan, Eng. Haitham Mohammed Ibrahim, Asst. Lect. Nizar Yasser Jassim	Introducing engineers and technicians to the basics of maintenance for automated sensor systems in modern industrial machinery	75.000	1 Week	2024/2/22-18	Maintenance of automated sensor systems in modern industrial machinery	3
			75.000	1 Week	2024/3/14-10		
			75.000	1 Week	2024/5/2-4/28		
			75.000	1 Week	2024/5/16-12		
All engineers or technicians/Mechanics-Electricity	Eng. Haitham Mohammed Ibrahim, Suhail Talib Suleiman, Abbas Mahdi Abbas	Training participants on the maintenance and overhauling of modern gasoline engines	75.000	1 Week	2024/2/15-11	Maintenance and overhauling of modern gasoline engines	4
			75.000	1 Week	2024/3/7-3		
			75.000	1 Week	2024/5/9-5		
			75.000	1 Week	2024/5/30-26		
			75.000	1 Week	2024/6/13-9		

All engineers or technicians/Mechanics-Electricity	Prof. Dr. Hassanain Adnan, Eng. Haitham Mohammed Ibrahim, Abbas Mahdi Abbas	Introducing engineers and technicians to the types of turbines, their working principle, and maintenance	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/22-18 2024/3/14-10 2024/5/23-19 2024/6/27-23	Types, working principle, and maintenance of turbines	5
Engineers or technicians working in the same field as the course	Eng. Haitham Mohammed Ibrahim, Prof. Dr. Hassanain Adnan Abdul, Suhail Talib Suleiman	Training participants on the types of sensors and actuators in modern vehicles, their theory of operation, and maintenance	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/29-25 2024/4/25-21 2024/5/16-12 2024/6/27-23	Sensors and actuators in modern vehicles	6
All engineers or technicians/Mechanics-Electricity	Eng. Haitham Mohammed Ibrahim, Suhail Talib Suleiman, Asst. Lect. Nizar Yasser Jassim	Introducing the types of brakes and their working principle and maintenance	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/2/22-18 2024/3/14-10 2024/5/2-4/28 2024/5/16-12 2024/6/13-9	Modern brake systems ABS & ASR	7
All engineers or technicians/Mechanics-Electricity	Eng. Haitham Mohammed Ibrahim, Suhail Talib Suleiman	Introducing the latest systems represented in driver or user protection	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/29-25 2024/4/25-21 2024/5/16-12 2024/6/27-23	Protection and safety systems in modern vehicles	8
All engineers or technicians/Mechanics-Electricity	Asst. Lect. Nizar Yasser Jassim, Majid Fadel Sajit	Introducing the parts of diesel engines, their systems, working mechanism, and maintenance	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/9-5 2024/6/6-2	Maintenance and overhauling of modern diesel engines	9
Engineers or technicians working in the field of the course	Mohammed Hamza Abbas, Majid Fadel Sajit	Introducing the installation and maintenance of various air conditioning systems (unit split, unit package, window type)	150.000 150.000 150.000 150.000 150.000	2 Weeks 2 Weeks 2 Weeks 2 Weeks 2 Weeks	2024/2/22-11 2024/3/14-3 2024/5/2-4/21 2024/5/23-12 2024/6/13-2	Maintenance of various air conditioning systems (unit split, unit package, window type)	10
<b>Courses in the Field of Electricity</b>							

Engineers or technicians working in the field	Dr. Samira Saadi Shajar, Hussein Lotfi Abdul Rahman, Mohamed Hadi	Training participants on domestic electrical installations and modern home protection methods	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/2/22-18 2024/3/14-10 2024/5/2-4/28 2024/5/16-12 2024/6/13-9	Domestic Electrical Installations and Home Protection Devices	11
Engineers or technicians working in the field	Dr. Alaa Fadel Aidan, Hussein Lotfi Abdul Rahman	Training participants on control circuits for operating single-phase and three-phase AC motors, including materials used in control circuits	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/29-25 2024/4/25-21 2024/5/23-19 2024/6/27-23	How to Control AC Motors	12
Engineers or technicians working in the field	Nasser Naeem Hamza, Hussam Kazem Matar	Introducing participants to the operation and maintenance of all types of copying devices	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/2/22-18 2024/3/14-10 2024/5/2-4/28 2024/5/16-12 2024/6/13-9	Maintenance and Operation of All Types of Copying Devices	13
Engineers or technicians working in the field	Nasser Naeem Hamza, Hussam Kazem Matar	Introducing participants to the installation, operation, and maintenance of office printers	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/9-5 2024/5/30-26 2024/6/27-23	Installation, Operation, and Maintenance of Office Printers	14
<b>Courses in the Field of Turning and CNC</b>							
Graduates of vocational secondary school or higher	Eng. Ahmed Ghazi Abdul Amir, Assist. Prof. Ahmed Salman Hamoud	3D Drawing using SOLIDWORKS	150.000 150.000 150.000 150.000 150.000	2 Weeks 2 Weeks 2 Weeks 2 Weeks 2 Weeks	2024/2/22-11 2024/3/14-3 2024/5/2-4/21 2024/5/23-12 2024/6/13-2	Drawing with SOLIDWORKS	15

Graduates of vocational secondary school or higher	Assist. Prof. Ahmed Ghazi Abdul Amir, Azra Hussein Hilal	Understanding the technological path for making any part on a classic lathe machine	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/30-26 2024/6/27-23	Technological Path of Turning and Milling	16
Graduates of vocational secondary school or higher	Assist. Prof. Ahmed Salman Hamoud, Azra Hussein Hilal	Training qualified personnel in operating and programming CNC machines with FANUC	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/2/22-18 2024/3/14-10 2024/5/2-4/28 2024/5/16-12 2024/6/13-9	Introduction to Operating and Programming CNC Machines with FANUC	17
Graduates of vocational secondary school or higher	Jalal Ghanem Mohammed, Assist. Prof. Ahmed Ghazi Abdul Amir	Preparing technical staff capable of operating and programming SIEMENS-type machines	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/29-25 2024/4/25-21 2024/5/23-19 2024/6/27-23	Introduction to Operating and Programming Milling Machines with SIEMENS	18
Graduates of vocational secondary school or higher	Iyad Taha Abdul, Fawaz Mohammed Ahmed	Understanding the basics of CNC lathes and maintenance of CNC machines with FANUC	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/9-5 2024/5/30-26 2024/6/13-9	Maintenance of CNC Machines with FANUC	19
<b>Courses in the Field of Blacksmithing</b>							
Graduates of secondary school or higher	Prof. Dr. Ahmed Hikmat Jassim, Ghazwan Hamid Shaker	Training participants on manual blacksmithing techniques, tools, and molds used in blacksmithing	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/2-4/28 2024/6/13-9	Advanced Blacksmithing Techniques	20
<b>Courses in the Field of Plumbing</b>							
Engineers or technicians	Assist. Prof. Adi Awad Abtan,	Learning the fundamentals of	75.000 75.000	1 Week 1 Week	2024/2/15-11 2024/3/7-3	Principles of Metal Casting or Cast	21

working in the field	Dhirgham Mahdi, Ramzi Jassim Mohammed	casting, mold design, and metal pouring	75.000 75.000 75.000	1 Week 1 Week 1 Week	2024/5/9-5 2024/5/30-26 2024/6/13-9	Design and Identification of Casting Defects under Casting and Solidification Conditions	
<b>Courses in the Field of Welding</b>							
Engineers or technicians working in the field	Assist. Prof. Mohammad Sabeih Mohammed, Ala'a Hussein Aliwi	Detailed explanation of welding techniques and major welding defects	75.000 75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week 1 Week	2024/2/22-18 2024/3/14-10 2024/5/2-4/28 2024/5/16-12 2024/6/13-9	Basic Principles of Welding Methods and Major Defects	22
Engineers or technicians working in the field	Assist. Prof. Mohammad Sabeih Mohammed, Ala'a Hussein Aliwi	Detailed explanation of welding techniques for pipes and tanks made of carbon steel and stainless steel	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/9-5 2024/5/30-26 2024/6/13-9	Techniques for Welding Pipes and Tanks	23
Engineers or technicians working in the field	Assist. Prof. Mohammad Sabeih Mohammed, Ala'a Hussein Aliwi	Theoretical and practical explanation of oxy-acetylene welding	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/29-25 2024/4/25-21 2024/5/23-19 2024/6/27-23	Introduction to Oxy-Acetylene Welding	24
Engineers or technicians working in the field	Assist. Prof. Mohammad Sabeih Mohammed, Ala'a Hussein Aliwi	Theoretical and practical explanation of TIG welding with inert gases	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/9-5 2024/6/6-2	Introduction to TIG Welding with Inert Gases	25
Graduates of vocational secondary school or higher	Hussein Rameed Mohammed, Mohammed Fadel Akkar	Theoretical and practical explanation of manual arc welding	75.000 75.000 75.000 75.000	1 Week 1 Week 1 Week 1 Week	2024/2/15-11 2024/3/7-3 2024/5/9-5 2024/6/6-2	Introduction to Developmental Arc Welding	26

Courses in the Field of Tinsmithing							
Engineers or technicians working in the same field	Khaled Khudair Abbas, Abbas Karim Ali, Ala'a Ahmed Ibrahim	Training participants on the technical aspects of body welding, including required tools and materials	75.000	1 Week	2024/2/15-11	Body Welding (Plaster Welding)	27
			75.000	1 Week	2024/3/7-3		
			75.000	1 Week	2024/5/2-4/28		
			75.000	1 Week	2024/6/13-9		
Courses in the Field of Filing							
Engineers or technicians working in the same field	Hussam Kazem Matar, Nasser Naeem Hamza	Training participants on the fundamentals of operation and maintenance of horizontal and vertical band saws	75.000	1 Week	2024/2/15-11	Operation and Maintenance of Horizontal and Vertical Band Saws	28
			75.000	1 Week	2024/3/7-3		
			75.000	1 Week	2024/5/30-26		
			75.000	1 Week	2024/6/13-9		
Courses in the Field of Occupational Safety							
Participant must have a secondary school diploma, a diploma, or a bachelor's degree	Ghania Yasser Mohammed	Understanding the importance of occupational and health safety in the work environment, familiarization with international and local systems and their application methods	75.000	1 Week	2024/2/15-11	Occupational Safety	29
			75.000	1 Week	2024/3/7-3		
			75.000	1 Week	2024/4/25-21		
			75.000	1 Week	2024/5/30-26		
			75.000	1 Week	2024/6/13-9		