

**Department of Power Mechanics / Academic Curriculum**  
**Automotive Branch**

Year/Level	Course Code	Course Name	Credit Hours	
			Theoretical	Practical
First		Automotive Maintenance (1)	2	3
		Electrical Maintenance (1)	1	2
		Mechanics	2	1
		Mathematics	2	-
		Computer Applications (1)	1	1
		Engineering Drawing	-	3
		Fluid mechanics and Thermodynamic	2	1
		Human Rights and Democracy	1	-
		Work Shops	-	4
		English language	1	-
		Arabic language(1)	1	-
Second		Automotive Mechanics	2	-
		Internal Combustion Engine	2	2
		Automotive Bodies	2	1
		Automotive Maintenance (2)	2	6
		Electrical Maintenance (2)	1	2
		Industrial Drawing	-	3
		Modern Automotive Technology	2	
		Management and Occupational Safety and Service Stations	2	-
		Computer Applications (2)	1	1
		Project	-	1
		English language	1	1
	Arabic language(2)	1	1	
	Crimes of the defunct Baath	1	-	

## Air Conditioning and Refrigeration Branch

Year/Level	Course Code	Course Name	Credit Hours	
			Theoretical	Practical
First		Principles of Refrigeration & Air Conditioning	<b>2</b>	<b>2</b>
		Thermodynamic	<b>2</b>	<b>1</b>
		Mechanics	<b>2</b>	<b>1</b>
		Computer Applications (1)	<b>1</b>	<b>1</b>
		Engineering Drawing	-	<b>3</b>
		Mathematics	<b>2</b>	-
		Electrical Technology	<b>2</b>	<b>2</b>
		English language	<b>1</b>	-
		Human Rights and Democracy	<b>1</b>	-
		Mechanical Workshops	<b>6</b>	-
		Arabic language(1)	<b>1</b>	-
Second		Air Conditioning	<b>2</b>	<b>2</b>
		Refrigeration Systems	<b>2</b>	<b>2</b>
		Heat Transfer	<b>2</b>	<b>1</b>
		Control Systems	<b>2</b>	<b>1</b>
		Refrigeration & Air Conditioning Equipment Maintenance	<b>2</b>	<b>4</b>
		Drawing of Refrigeration & Air Conditioning Systems	-	<b>3</b>
		Management and Occupational Safety	<b>2</b>	-
		Computer Applications (2)		
		English language	<b>1</b>	-
		Crimes of the defunct Baath	<b>1</b>	-
		Project	-	<b>1</b>
			Arabic language(2)	<b>1</b>