

Al-Furat Al-Awsat Technical University

Al-Mussaib Technical Institute

Department of Medical Instruments Techniques

Program structure

1. First stage

Academic stage	Course code	Course name	Credit hours	
			Theoretical	Practical
First stage	Electronic	-----	2	2
	Electrical Circuits	-----	2	2
	Digital Circuits	-----	2	2
	Mathematics	-----	2	-----
	Computer Applications (1)	-----	1	1
	Engineering & Electrical Drawing	-----	-----	3
	Workshop	-----		4
	Physiology	-----	2	-----
	Human Rights & Democracy	-----	2	-----
	English Language	-----	1	-----
	Arabic Language	-----	2	-----

Program structure

2. Second stage

Second stage	Electronic Circuits	-----	2	2
	Microprocesses	-----	2	2
	Measuring devices	-----	2	2
	Electronic Medical Devices	-----	2	2
	Electromechanical Medical Devices	-----	2	2
	Medical Device Maintenance Workshop	-----	-----	4
	Computer Applications (2)	-----	1	2
	Control	-----	2	2
	English Language	-----	1	-----
	Arabic Language	-----	2	-----
	Programmable Logic Control (PLC) (Semester -2)	-----	1	2
	The project	-----	-----	2