

Northern Technical University
Hawija Polytechnic College
Department of Medical Laboratory Technology

Course system/curriculum for medical specialties/Medical Laboratories
Department 2025/2026

First academic level / First program:

Type of requirements	Number of units	Number of hours			Course code	Course name in English	اسم المقرر باللغة العربية	NO.
		Total	Practical	Theoretical				
The section is mandatory (Department)	3	3	2	1	MLT 115	Analytical Chemistry	كيمياء تحليلية	1
The section is mandatory (Department)	3	3	2	1	MLT 113	Histology Techniques	شرايح نسيجية	2
The section is mandatory (Department)	3	3	2	1	MLT 114	Medical Lab. Instruments	أجهزة طبية	3
The section is mandatory (Department)	3	3	2	1	MLT 118	Histology	انسجة	4
The section is mandatory (institute)	2	2	--	2	TIH 108	Laboratory Safety	سلامة مختبرات	5
The section is mandatory (Department)	3	3	2	1	MLT 117	Foundations of nursing	أسس تمريض	6
University compulsory	2	2	1	1	NTU 102	Computer Principles	مبادئ الحاسوب	7
University compulsory	2	2	--	2	NTU 101	English Language	اللغة الإنكليزية	8
University compulsory	2	2	--	2	NTU 100	Human Rights	حقوق الانسان	9
University compulsory	2	2	--	2	NTU 103	Arabic Language	اللغة العربية	10
	25	25	11	14	Total			

First academic level / second program:

Type of requirements	Number of units	Number of hours			Course code	Course name in English	اسم المقرر باللغة العربية	NO.
		Total	Practical	Theoretical				
The section is mandatory (Department)	3	3	2	1	MLT 119	Organic Chemistry	كيمياء عضوية	1
The section is mandatory (Department)	3	3	2	1	MLT 112	Medical Lab. Techniques	تقنيات مختبرية	2
The section is mandatory (institute)	2	2	--	2	TIH 109	Medical Terminology	مصطلحات طبية	3
The section is optional (Department)	2	2	--	2	MLT 120	First Aid	اسعافات اولية	4
The section is mandatory (Department)	3	3	2	1	MLT 116	Blood Transfusion	نقل دم	5
The section is mandatory (institute)	4	4	2	2	TIH 106	Physiology	علم وظائف الاعضاء	6
The section is mandatory (institute)	4	4	2	2	TIH 107	Anatomy	تشريح	7
University optional	2	2	1	1	NTU 104	Physical Education	تربية بدنية	8
	23	23	11	12	Total			

Total theoretical hours for both programs: 26

Total practical hours for both programs: 22

Total hours for both programs: 48

Total hours for both units: 48

Head of Department

Department curriculum