

**Ministry of Higher Education & Scientific Research
Supervision and Scientific Evaluation Directorate
Quality Assurance and Academic Accreditation
International Accreditation Dept.**



Guide to Course Descriptions and Academic Programs for 2025

Ministry of Higher Education & Scientific Research
Supervision and Scientific Evaluation Directorate
Quality Assurance and Academic Accreditation
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University: Northern Technical University

Faculty/Institute: Al-dour Technical Institut

Department: Immediate Ambulance

Name of the academic or professional program: Technical diploma in Immediate Ambulance

Name of the final certificate: Technical diploma in Immediate Ambulance

Academic system: Course system

File preparation date: 4-2-2025

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Signature: 
Head of Department: Dr. Abbas Hadi Hammadi

Signature: 
Assistant Professor Hanan Shahab Ahmed

Check the file by
Quality Assurance and University Performance Division
Name of the director of the Quality Assurance and
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Signature 
Asst. Lecturer Hayder Ali Mohssn


Dean's endorsement
Assist. Prof. Dr. Maha Elttayef Jasim

1. Program vision

The Immediate Ambulance Department seeks to achieve excellence in education and scientific research, meet the requirements of society, and access the latest scientific and technical developments and apply them in a way that allows for the improvement of the quality of learning in all fields. The student is taught the basic theoretical information in the field of emergency and intensive care, and is trained on simulation dolls in the department as well as practically in operating rooms, recovery units, and intensive care units in hospitals to acquire the necessary skills and experience that qualify him to work in hospitals in the future as a paramedic.

2. Program message

Delivering the scientific material that the student must receive according to the instructions mentioned in the special skills clause in required educational outcomes and methods of teaching, learning and assessment.

3. Program Goals

The department aims to graduate technical nursing staff with a specialization in medical technical paramedic, who hold a diploma and are capable of providing immediate and first aid and nursing care to individuals in emergency and critical cases inside the immediate ambulance until they reach the hospital.

4. Program accreditation

nothing

5. External influences

nothing

6. Program Structure				
Program Structure	Number of courses	Study unit	Percentage	Notes *
University Requirements	10	20	21.50	core courses 9 and 1 elective
Institute Requirements	5	14	15.05	core courses 5
Department Requirements	17	59	63.44	core courses 15 and 2 electives
Summer training	Completed			essential
Other	nothing			

7. Program Description				
Year\Level	Code of the course	Name of the course	Approved hours	
			theoretical	practical
First Level		Immediate aid 1 level	28	16
Second Level		Immediate aid level 2	30	19
8. Expected learning outcomes of the program				
Knowledge				
<p>-1 Qualifying the student to apply knowledge in various cognitive fields in general and in the field of immediate first aid and emergencies in particular</p> <p>2- The student's knowledge of the principles and professional and ethical responsibilities of the field of specialization</p> <p>3- Enabling the student to provide first aid and nursing care to the individual in emergency and critical cases inside the immediate ambulance until he arrives at the hospital</p> <p>4-The student learns leadership skills, values of commitment, ethical behavior, and respect for others</p>				
Skills				
<p>1-Qualifying students to work and integrate into multidisciplinary teams</p> <p>2- Qualifying students to provide first aid to all emergency cases and critical injuries inside the ambulance and to perform the necessary operations such as artificial respiration in the event of respiratory arrest, cardiac massage in the event of respiratory arrest, basic cardiopulmonary resuscitation and other operations until the patient reaches the hospital</p> <p>3-Qualifying students to use modern technologies, skills and specialized tools in the field of immediate first aid</p> <p>4- Qualifying the student to identify the patient's injury and the ability to carry the patient correctly without complications of the injury.</p>				
Values				

- 1- Ability to manage medical work in the field of emergency aid
- 2- The ability to use immediate first aid equipment to meet the required needs within the field of specialization
- 3- Ability to work with the latest medical devices and medical diagnostic software
- 4-Teaching the student the ability to adapt to similar specialties (X-ray devices, Sonar, human (medicine , medical devices etc)

9. Teaching and learning strategies

The instructor explains the theoretical material on the board using a slide projector, paper lectures, educational bags, and systematic and summer training in hospitals

10. Evaluation methods .

Daily, semester and final tests, weekly reports

11. Faculty members

Faculty members	Requirements/Special Skills	Specialization		Academic Degree
		private Scientific specialization	general Scientific specialization	
institution's staff		Microbiology genetics	Life Sciences	lecturer
institution's staff		Microbiology	Life Sciences	Assistant lecturer
Outside the institution's staff		Tissues and embryos	Life Science Education	Assistant lecturer
Outside the institution's staff		children	General medicine	Board
Outside the institution's staff		Microbiology	Life Sciences	Assistant lecturer
Outside the institution's staff		Microbiology	Life Sciences	Assistant lecturer
Outside the institution's staff		Fractions	General medicine	Board

Outside the institution's staff		Private international law	law	Assistant lecturer
Outside the institution's staff		Toxins and Pharmaceuticals	Veterinary medicine	Assistant lecturer
Outside the institution's staff		Nano technology	Life Science Education	Assistant lecturer

Professional development

Orientation of new faculty members

Professional development for faculty members

12. Acceptance standard

The admission criteria is through the central admission method within the ministry's plan and according to the student's branch in middle school and his average

13. The most important sources of information about the program

The textbook, auxiliary notebooks, external sources, Internet, scientific research and its latest developments

14. Program development plan

- 1-Developing the laboratories of the Immediate Ambulance department, as well as developing the curriculum by deleting, adding and replacing
2. Identifying modern scientific developments
3. Participation in international and local conferences
4. Participation in scientific workshops inside and outside Iraq
5. Hosting scientific competencies in the field of specialization

Courses □ First Level

Study plan for the first level for the academic year 2024-2025										
Immediate Ambulance Department - Level 1										
The symbol	Material type	Course material	The pavement if any	Number of units	Number of practical hours	Number of theoretical hours	Name of the material		Requirement type	Requirements
							In English	In Arabic		
NTU 100	general	the first		2	-	2	Democracy and Human Rights	الديمقراطية وحقوق الانسان	compulsory	University requirements %22.7 (units 10) 8 compulsory units 2 elective units
NTU 101	assistant	the first		2	-	2	English language	اللغة الإنكليزية	compulsory	
NTU 102	assistant	the first		2	1	1	Computer	الحاسوب	compulsory	
NTU 103	assistant	the first		2	-	2	Arabic Language	اللغة العربية	compulsory	
NTU 104	general	the second		2	1	1	Sport	الرياضة	Optional	
NTU 105	general	the second		2	-	2	French Language	اللغة الفرنسية	Optional	
				10	2	10				the total
TID O 106	specialty	the first		4	2	2	Physiology	علم وظائف الاعضاء	compulsory	Institute Requirements %27.2 (units 12) 12 compulsory 0 optional
TID O 107	specialty	the second		4	2	2	Anatomy	التشريح	compulsory	
TID O 108	assistant	the first		2	-	2	Safety of laboratories and workshops	سلامة المختبرات والورش	compulsory	
TID O 109	assistant	the second		2	-	2	Medical Terminologies	المصطلحات الطبية	compulsory	
				12	4	8				The total
IMA 110	specialty	the first		4	2	2	Fundamental first aids	مبادئ الإسعافات الأولية	compulsory	Department requirements 50% Specialization requirements (20) 20 mandatory 4 optional only 2) units are (selected
IMA 111	specialty	the first		4	2	2	Medical Surgical Nursing	التمريض الباطني	compulsory	
IMA 112	specialty	the second		4	2	2	Fundamental of nursing	اساسيات التمريض	compulsory	
IMA 113	specialty	the second		4	2	2	Clinical chemistry	الكيمياء السريرية	compulsory	
IMA 114	specialty	the first		4	2	2	Microbiology	الاحياء المجهرية	compulsory	
IMA 115	assistant	the second	Only one course is selected .	2	-	2	Communication skills	مهارات التواصل	Optional	
IMA 116	assistant	the second		2	-	2	Psychology	علم النفس	Optional	
				22	10	12				
				44					Total units for the first level	

Courses □ Second Level

Curriculum for the second level for the academic year 2024-2025											
Immediate Ambulance Department - Level 2											
The symbol	Material type	Course material	The institute if any	Number of units	Number of practical hours	Number of theoretical hours	Name of the material		Requirement type	Requirements	
							In English	In Arabic			
NTU 201	assistant	The second		2	1	1	Computer	الحاسوب	compulsory	University requirements %17.02 (units 10) 10 mandatory units	
NTU 202	assistant	The second		2	-	2	Arabic Language	اللغة العربية	compulsory		
NTU 203	assistant	the first		2	-	2	Crimes of Al-Baath regime	جرائم حزب البعث	compulsory		
NTU 204	general	the first		2	-	2	Professional Ethics	اخلاقيات المهنة	compulsory		
				8	1	7				the total	
TIDO 205	assistant	the first		2	-	2	Biostatic	الإحصاء الحياتي	compulsory	Institute Requirements %4.25 2 Units 2 Compulsory	
				2		2				the total	
IMA 206	specialty	the first		4	2	2	Emergency Nursing 1	تمريض الطوارئ 1	compulsory	Department requirements %78.72 Specialization requirements 34 (37) Compulsory 6 Elective (3 units) The student has the freedom to choose them for the purpose of completing the graduation requirements	
IMA 207	specialty	the first		4	2	2	Primary Health Care	الرعاية الصحية الأولية	compulsory		
IMA 208	specialty	The second		4	2	2	Emergency Nursing 2	تمريض طوارئ 2	compulsory		
IMA 209	specialty	the first		4	2	2	Pharmacology	علم الدوائيات	compulsory		
IMA 210	specialty	the first		4	2	2	Critical Nursing Cases	تمريض حالات حرجة	compulsory		
IMA 211	specialty	The second		4	2	2	Adult Nursing	تمريض بالغين	compulsory		
IMA 212	assistant	The second		2	-	2	Principles Of Professional Safety	مبادئ السلامة المهنية	compulsory		
IMA 213	specialty	The second		4	2	2	Toxins	علم السموم	compulsory		
IMA 214	assistant	the first		2	-	2	Nutrition and Diet Therapy	علم الغذاء والمعالجة الغذائية	compulsory		
IMA 215	assistant	the second		2	2	-	Research Proposal	مشروع التخرج	compulsory		
IMA 216	assistant	The second	Only one course is selected.	3	2	1	Hematology	علم الدم	Optional		
IMA 217	assistant	The second		3	2	1	epidemiology	علم الوبائيات	Optional		
				37	18	19					the total
				47			Total units for the second level				

Curriculum Skills Chart

Please tick in the relevant boxes where individual Program Learning Outcomes are being assessed

Program Learning Outcomes

Year/ level	Course Code	Course Title	Core (C) Title or Option (O)	Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills relevant to employability and personal development			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
First	NTU100	Democracy and Rights	Fundamental	X				X				X			X				
	NTU101	English language	Fundamental	X				X				X			X				
	NTU 102	Computer	Fundamental	X				X				X			X				
	NTU 103	Arabic Language	Fundamental	X				X				X			X				
	NTU104	Sport	Accessory	X				X				X			X				
	TIDO 106	Physiology	Fundamental	X	X			X				X	X		X	X			
	TIDO 107	Anatomy	Fundamental	X				X				X			X				
	TIDO 108	Safety of laboratories and workshops	Fundamental	X				X				X			X				
	TIDO 109	medical terminologies	Fundamental	X				X				X			X				
	IMA 110	Principles Ambulance initial	Fundamental	X				X		X		X		X	X	X			
	IMA 111	Ambulance Initial and Emergency	Fundamental	X				X				X			X				
	IMA 112	Abdominal Nursing	Fundamental	X				X	X			X	X		X	X			
IMA 113	Clinical chemistry	Fundamental	X				X				X			X					

	IMA 114	Microbiology	Fundamental	X				X			X			X	X		
	IMA 115	communication skills	Accessory														
	IMA 116	Professional behavior	Accessory	X				X			X			X			
Seco nd	NTU 200	English language	Fundamental	X				X			X			X			
	NTU 201	Computer	Fundamental	X				X			X			X			
	NTU 202	Arabic Language	Fundamental	X				X			X			X			
	NTU 203	Crimes of Al-Baath regime	Fundamental	X				X			X			X			
	NTU204	Professional Ethics	Fundamental	X				X			X			X			
	TIDO205	Biostatic	Fundamental	X				X			X			X			
	IMA 206	Emergency Nursing	Fundamental	X	X			X			X			X	X		
	IMA 207	Primary Health care	Fundamental	X	X			X			X			X	X		
	IMA208	Emergency Nursing	Fundamental	X	X			X			X			X	X		
	IMA 209	Pharmacology	Fundamental	X	X			X			X			X	X		
	IMA 210	Critical Cases Nursing	Fundamental	X	X			X			X			X			
	IMA 211	Adult Nursing	Fundamental	X	X			X			X			X			
	IMA 212	Principles Of Professional Safety	Fundamental	X				X			X			X			
	IMA 213	Toxins	Fundamental	X				X			X			X			
	IMA 214	Nutrition and Diet Therapy	Fundamental	X				X			X			X			
	IMA 215	Research Proposal	Fundamental	X				X			X			X			
	IMA 216	Hematology	Accessory	X				X			X			X	X		
IMA 217	Blood Transfusion	Accessory															