

Curriculum for the Department of Physical Therapy Technology for the academic year 2025-2026

Department: Physical Therapy Techniques		College of Health and Medical Technologies, first floor					Northern Technical University
First level							
The symbol	The pavement if any ,	semester	Number of units	Number of practical hours	Number of theoretical hours		Requirement type
						In English	
NTU 100		F1	2	-	2	Human rights and Democracy	University requirements (cognitive requirements)
NTU101		F2	2	0	2	English Language	
NTU102		F1	2	1	1	Computer	
NTU103		F2	2	-	2	Arabic Language	
NTU104	Only one course is selected.	F1	2	1	1	Sports	
NTU105				0	2	French Language	
20.4%	ratio		10	2	10		
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MTC101		F1	4	4	2	Principle of Medical Biology	College requirements
MTC102		F2	4	4	2	Medical Microbiology	
16.3%	ratio		8	8	4		
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PTT 101		F1	2	-	2	Biomechanics	Scientific Department Requirements
PTT 102		F2	2	-	2	kinesiology	
PTT 103		F1	3	3	2	Basic nursing and first aids	
PTT 104		F2	4	4	2	introduction to physical therapy	
PTT 105		F1	4	4	2	Principle of Human physiology	
PTT 106		F2	4	4	2	Human physiology	
PTT 107		F2	4	4	2	Basics of anatomy	
PTT 108		F1	4	4	2	Clinical biochemistry	

PTT 109		F2	4	4	2	Medical physics
63.3%	ratio		31	27	18	
			49			

Curriculum plan for the year 2025-2026							
Department: Physical Therapy Techniques			Technical Medical College				Northern Technical University
Second level							
The symbol	The pavement if any ,	semester	Number of units	Number of practical hours	Number of theoretical hours	In English	Requirement type
NTU200		F1	2	-	2	English Language	University requirements (cognitive requirements)
NTU201		F2	2	1	1	Computer	
NTU202		F1	2	-	2	Arabic Language	
NTU203		F1	2	-	2	The crimes of the Baath regime in Iraq	
NTU204		F2	2	-	2	Professional Ethics	
20.8%	ratio		10	1	9		
MTC201		F2	2	-	2	Medical psychology	College requirements
MTC202		F1	3	2	2	Metabolism	
MTC203		F2	3	2	2	Biostatistics	
MTC204			Complete			summer training	
16.7%	ratio		8	4	6		
PTT201		F1	3	3	2	Basic of Therapeutic Exercises	alization Requirements
PTT202		F2	3	3	2	Advanced therapeutic exercises	
PTT203		F1	4	4	2	Physiotherapy for general surgery	
PTT204		F2	4	4	2	Physical therapy for diseases of the muscular system	
PTT205		F1	3	3	2	Primary Therapeutic equipment	

PTT206		F2	3	3	2	Specialized treatment devices	Departmental Specific
PTT207		F1	2	-	2	Pathology	
PTT208		F2	2	-	2	pharmacology	
PTT209		F2	3	3	2	Physiotherapy for Orthopedics	
PTT210		F1	3	3	2	Human anatomy	
62.5%	ratio		30	26	20		
			48				

(2025-2026) Curriculum plan for the year							
Section: Physiotherapy Techniques			Technical Medical College				Northern Technical University
Third Level							
The symbol	The pavement if any ,	semester	Number of units	Number of practical hours	Number of theoretical hours	In English	Requirement type
							University requirements (cognitive)
0.0%	ratio		0	0	0		
MTC301		Chapter 1	2	2	1	computer applications	College requirements
MTC302		Chapter 2	2	-	2	Safety in laboratories	
MTC303		Chapter	2	-	2	Medical research methods	
MTC304			Complete			summer training	
17.6%	ratio		6	2	5		المجموع
PTT301		Chapter 1	3	3	2	Physiotherapy for Medical Diseases	Requirements
PTT302		Chapter 2	3	3	2	Physiotherapy for advanced surgery	
PTT303		Chapter 1	3	3	2	Basic Physiotherapy for Neurological Diseases	
PTT304		Chapter 2	3	3	2	Physiotherapy for Spinal Cord Injuries	

PTT305		Chapter 1	3	3	2	Physical therapy for diseases of the skeletal system	Departmental Specialization
PTT306		Chapter 2	3	3	2	Physiotherapy for Sport Injuries	
PTT307		Chapter 1	2	3	1	Prostheses and Orthotics	
PTT308		Chapter 2	2	3	1	Amputee rehabilitation	
PTT309		Chapter 1	3	3	2	Therapeutic exercises	
PTT310		Chapter 2	3	3	2	Therapeutic equipment	
82.4%	ratio		28	30	18		
			34				

(2025-2026) Curriculum plan for the year							
Section: Physiotherapy Techniques			Technical Medical College				Northern Technical University
Forth Level							
The symbol	The pavement if any ,	semester	Number of units	Number of practical hours	Number of theoretical hours		Requirement type
						In English	
NTU400			2	-	2	Scientific research	University requirements (cognitive)
0.0%	ratio		0	0	0		
MTCD401	One subject is selected.		2	-	2	Preventive and social medicine	College requirements
MTCD402		Chapter One		-	2	Serology and Vaccines	
MTCD403		Chapter Two	4	-	-	Graduation Project	
19.4%	ratio		6	0	4		
PTT401		Chapter One	3	3	2	Physiotherapy for Neurological Diseases	

PTT402		Chapter Two	3	3	2	Advance Physiotherapy for Neurological Diseases	Departmental Specialization Requirements
PTT403		Chapter One	3	3	2	Physiotherapy for Growth and Development of Pediatric	
PTT404		Chapter Two	3	3	2	Physiotherapy for Pediatric Diseases	
PTT405		Chapter Two	2	-	2	Radiology and Diagnostic Imaging for physiotherapy	
PTT406		Chapter One	3	3	2	Physiotherapy for Cardiopulmonary Diseases	
PTT407		Chapter	2	4	-	Workshop Therapeutic Exercises	
PTT408		Chapter Two	3	3	2	Hearing and Speech Rehabilitation	
PTT409		Chapter	3	3	2	Health Psychology	
81%	ratio		25	25	16		
			31				

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			Department requirements	College requirements	University requirements		
			114	28	20		
		100%	70.4%	17.3%	12.3%		