

Study plan for the Department of Physical Therapy Technologies for the academic year 2023-2024

Section: Physical therapy technique		Medical Technical College role				Northern Technical University	
level one							
code	Grader, if any	Semester	number of units	Number of practical hours	Number of theoretical hours	Course Name	Requirement type
						In English	
NTU101		F2	2	0	2	English Language	
NTU112	One material is selected		2	0	2	French Language	
NTU113		F1		1	1	Sports	
10.8%	The ratio		4	1	5	Total university units	
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MTCD 101		F1	2	2	1	Computer principles	College requirements
MTCD 102		F1	1	-	1	Human rights and democracy	
MTCD 103		F2	2	-	2	Arabic Language	
13.5%	The ratio		5	2	4	Total college units	
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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	Principle of Medical Biology	
PTT 104		F2	3	3	2	Medical Microbiology	
PTT 105		F1	3	3	2	Basic nursing and first aids	
PTT 106		F2	3	3	2	introduction to physical therapy	
PTT 107		F1	3	3	2	Human physiology	
PTT 108		F2	3	3	2	Basics of anatomy	
PTT 109		F1	3	3	2	Clinical biochemistry	
PTT 110		F2	3	3	2	Medical physics	
75.7%	The ratio		28	24	20	Total units of the scientific department	
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			37			Total units of the first level	

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Second Level								
code	Grader, if any	Semester	number of units	Number of practical hours	Number of theoretical hours	Course Name		Requirement type
						In English		
NTU200			2	0	2	English Language		University requirements
			2	0	2	Baath Party crimes		
10.0%	The ratio		4	0	4	Total university units		
MTC201			2	-	2	Medical psychology		College requirements
MTC202			3	2	2	Metabolism		
MTC203			3	2	2	Biostatistics		
MTC204			Satisfied			summer training		
20.0%	The ratio		8	4	6	Total college units		
PTT201			3	3	2	Basic of Therapeutic Exercises		Department specialized requirements
PTT202			3	3	2	Advanced therapeutic exercises		
PTT203			3	3	2	Physiotherapy for general surgery		
PTT204			3	3	2	Physical therapy for diseases of the nervous system		
PTT205			3	3	2	Primary therapeutic equipment		
PTT206			3	3	2	Specialized treatment devices		
PTT207			2	-	2	Pathology		
PTT208			2	-	2	pharmacology		
PTT209			3	3	2	Physiotherapy for Orthopedics		
PTT210			3	3	2	Human anatomy		
70.0%	The ratio		28	24	20	Total units of the scientific department		
			40			Total second level units		

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The third level

code	Grader, if any	Semester	number of units	Number of practical hours	Number of theoretical hours	Course Name	Requirement type
						In English	
NTU300			2	-	2	English Language	University requirements
NTU301			2	-	2	English Language	
10.5%	The ratio		4	0	4	Total university units	
MTCD301			2	2	1	computer applications	College requirements
MTCD302			2	-	2	Safety in laboratories	
MTCD303			2	-	2	Medical research methods	
MTCD304			Satisfied			summer training	
15.8%	The ratio		6	2	5	Total college units	the total
PTT301			3	3	2	Physiotherapy for Medical Diseases	Department specialized requirements
PTT302			3	3	2	Physiotherapy for advanced surgery	
PTT303			3	3	2	Basic Physiotherapy for Neurological Diseases	
PTT304			3	3	2	Physiotherapy for Spinal Cord Injuries	
PTT305			3	3	2	Physical therapy for diseases of the skeletal system	
PTT306			3	3	2	Physiotherapy for Sport Injuries	
PTT307			2	3	1	Prostheses and Orthotics	
PTT308			2	3	1	Amputee rehabilitation	
PTT309			3	3	2	Therapeutic exercises	
PTT310			3	3	2	Therapeutic equipment	
73.7%	The ratio		28	30	18	Total units of the scientific department	
			38			Total third level units	

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fourth level

code	Grader, if any	Semester	number	Number of practical	Number of theoretical	Course Name	Requirement
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Code	any	r	of units	practical hours	theoretical hours	In English	ment type
NTU400			2	-	2	English Language 4	University requirements (cognitive requirements)
NTU401			2	-	2	Scientific research methodology	
10.8%	The ratio		4	0	4	Total university units	
MTCD401			2	-	2	Professional behaviour	College requirements
MTCD402	One material is selected		2	-	2	Preventive and social medicine	
MTCD403				-	2	Serology and Vaccines	
MTCD404			4	-	-	Graduation Project	
21.6%	The ratio		8	0	6	Total college units	
PTT401			3	3	2	Physiotherapy for Neurological Diseases	Department specialized requirements
PTT402			3	3	2	Advance Physiotherapy for Neurological Diseases	
PTT403			3	3	2	Physiotherapy for Growth and Development of Pediatric	
PTT404			3	3	2	Physiotherapy for Pediatric Diseases	
PTT405			2	-	2	Radiology and Diagnostic Imaging for physiotherapy	
PTT406			3	3	2	Physiotherapy for Cardiopulmonary Diseases	
PTT407			2	4	-	Workshop Therapeutic Exercises	
PTT408			3	3	2	Hearing and Speech Rehabilitation	
PTT409			3	3	2	Health Psychology	
68%	The ratio		25	25	16	Total units of the scientific department	
			37			Total units of the fourth level	
			152			The total number of units for all levels	