



UHC Curriculum Guide for Associate of Science in Neurodiagnostic Technology* (2021 - 2022)

A Ministry of the Marianites of Holy Cross



Course	Description	Hrs	Gr.	Sem.	Course	Description	Hrs	Gr.	Sem.
General Education Core Curriculum					Major Area Courses				
ENG 101	English Composition I	3			BIO 261	Human Anatomy & Physiology I	3		
ENG 102	English Composition II	3			BIO 261L	Human Anatomy & Physiology I Lab	1		
MAT 105	College Algebra	3			BIO 262	Human Anatomy & Physiology II	3		
PHI 207	Introduction to Logic and Critical Thinking	3			BIO 262L	Human Anatomy & Physiology II Lab	1		
PHY 151	General Physics I	3			BIO 303	Pharmacology	3		
PHY 151L	General Physics I Lab	1			BIO 453 <u>or</u> BIO 457	Clinical Pathophysiology <u>or</u> Cardiorespiratory Physiology (Lecture & Lab may be separate)	4		
PSY 101	General Psychology	3			BIO 455	Neuroscience	4		
SPE 101	Fundamentals of Public Speaking	3			Other Required Courses				
THE 285	Theology and Health Care Ethics	3			HIS	History Elective	3		
					HSC 110	Medical Terminology	3		
					HSC 200	Patient Evaluation	2		
					HSC 330	Electrocardiography	3		
					PHY 152	General Physics II	3		
					PHY152L	General Physics II Lab	1		
					Professional Training Component				
					NDT 300	EEG IA	2		
					NDT 302	EEG IB	1		
					NDT 305	Biomedical Instrumentation and Electronics	4		
					NDT 315	Clinical Neurology	3		
					NDT 325	EEG II	3		
					NDT 330	Correlative Neurology	3		
					NDT 335	Clinical Internship I	3		
					NDT 340	EEG III	3		
					NDT 350	Nerve Conduction Studies, Evoked Potentials, & Polysomnography	3		
					NDT 360	Clinical Internship II	3		

Total General Education Core

25

Total Curriculum

87

* Admission to the Neurodiagnostic Technology Professional Training Component is on a competitive basis. Students accepted into the professional training component attend classes for twelve months.