

STUDENT NAME		SID #	
PROGRAM CHAIR		DATE	

PROGRAM REQUIREMENTS			Requested Substitution/Transfer Credits (if applicable)					
Course	Course Title	CR	College/University	Course	CR	Grade	Quarter	Year

CORE COURSEWORK								
AHE 110	Medical Terminology	5						
AHE 120	Safety for Healthcare	2						
CMST& 220	Public Speaking	5						
CMST 280	Intercultural Communication	5						
ENGL& 235	Technical Writing	5						
NDT 100	Biomedical Electronics	2						
NDT 101	Introduction to EEG	6						
NDT 102	Applied Neurophysiology	5						
NDT 103	Intermediate EEG Applied	3						
NDT 104	Clinical Correlates I	3						
NDT 105	Advanced EEG	3						
NDT 106	Applied Evoked Potential	4						
NDT 120	Intermediate EEG Skills	3						
NDT 121	Advanced EEG Skills	2						
NDT 130	EEG Clinical	4						
NDT 131	EEG Clinical II	4						
NDT 132	EEG Clinical III	5						
NDT 200	Clinical Correlates II	3						
NDT 201	NDT Theory I	3						
NDT 202	NDT Theory II	3						
NDT 203	NDT Registry Review	1						
NDT 220	NDT Skills I	2						
NDT 221	NDT Skills II	2						
NDT 230	NDT Clinical I	4						
NDT 231	NDT Clinical II	4						
NDT 232	NDT Clinical III	12						
SOC& 101	Introduction to Sociology	5						
TOTAL		105						

The neurodiagnostic technologist (NDT) operates sophisticated equipment that displays the electrical activity of the brain and nervous system. The ND technologist works alongside physicians who interpret the data and provide clinical impressions. ND is a diverse field that includes electroencephalography, nerve conduction studies, intraoperative monitoring, long-term epilepsy monitoring, polysomnography (sleep disorder studies), and evoked potential. Generally working in a hospital or clinical setting, ND technologists prepare patients for procedures, record electrical potentials, obtain medical histories, and calibrate and maintain equipment. A cumulative grade point average (GPA) of 3.0 is required to graduate with a minimum of 2.0 in any given course.

- Collaborate as a member of the health care team to ensure clinical effectiveness
- Evaluate ND tests (i.e., intraoperative monitoring, nerve conduction studies, ambulatory recordings, long-term video, EEG monitoring)
- Operate ND diagnostic instrumentation
- Prepare written summary reports for the neurologist
- Practice infection control
- Apply theoretical knowledge to relate the ND recordings to diagnosis of disease conditions

LEARNING OUTCOMES

Degree recipients should possess the skills & abilities described below:

- Interpret accurate, diagnostically acceptable ND tests in hospital or clinical laboratories
- Apply neuroscience to ND recordings and diagnosis of disease conditions
- Interpret the electrical display of EEG-PSG-EP recordings
- Practice patient-centered care in accordance with the ethical and legal framework of the NDT

FOR MOST UP-TO-DATE INFORMATION, GO TO:

www.bellevuecollege.edu/programs/degrees/proftech/ndt/