



HARCUM
HARCUM COLLEGE

Neurodiagnostic Technology Program Admissions Checklist

Program Offerings:

- Full-time day
- Online (subject to clinical site verification and approval)
- Begins each July (alternate start for applicable transfer students)

Prerequisites for Admissions:

- Online students must have:
 - Verifiable six months clinical experience and/or supervision provided by a R. EEG T.
 - Signed clinical affiliation contract
 - Acceptable computer and internet requirements
 - Signed and completed clinical site check list

Application Requirements:

- Completed application form and application fee
- Official high school transcripts and college transcripts (if applicable)
- Minimum GPA of 2.5
- Minimum combined SAT score of 900 -TOEFL scores (for international applicants)
- Completed Accuplacer test or applicable college transfer credits
- Applicants must participate in shadowing experience (4 hours shadow experience with an electroneurodiagnostic technologist)
- Official Written Essay (*Why I chose Electroneurodiagnostic Technology as a career.*)
- 2 Letters of Recommendation (one from current employer/clinical site, the other can be from a teacher, guidance counselor or personal reference. Must be current)
- Interviews are Required
- ASET® student membership fee (post acceptance)
- National board examination fee (post acceptance-year 2)

Electroneurodiagnostic Technology Fast Facts

Electroneurodiagnostics is the allied health care profession that records, monitors, and analyzes nervous system function to promote the effective treatment of pathologic conditions. Technologists record electrical activity arising from the brain, spinal cord, peripheral nerves, somatosensory or motor nerve systems using a variety of techniques and instruments. Technologists prepare data and documentation for interpretation by a physician. Considerable individual initiative, reasoning skill, and sound judgment are all expected of the electroneurodiagnostic professional. The most common electroneurodiagnostic procedures are the Electroencephalogram (EEG), Intraoperative Neurophysiologic Monitoring (IONM), Long Term Monitoring (LTM), the Polysomnogram (PSG), the Evoked Potential (EP), and Nerve Conduction Studies (NCS). The Committee on Accreditation for Education in Electroneuro-diagnostic Technology (CoA-END) 2007.

- ✓ Electroneurodiagnostic technologists (**Neuro techs**) work in hospitals, physician offices, operating rooms and sleep disorders centers.

- ✓ Graduates of the program are expected to take the national EEG credentialing examination, (fee TBA) which is administered by the American Board of Registration of Electro-encephalographic and Evoked Potential Technologists® (ABRET).
- ✓ Helpful web sites: www.aset.org , www.abret.org and www.harcum.edu

Neurodiagnostic Technology Program Curriculum

Summer II

CIS 101	Intro to Microcomputers	3 credits
PSY 111	Intro to Psychology	3 credits
	Harcum 101/Information Literacy	2 credits

Fall I

NDT 101	Foundations of Electroneurodiagnostics	4 credits
NDT 102	Neurodiagnostic Technology I	4 credits
NDT 103	Clinical Practicum I	4 credits
MTH 113	College Math	3 credits
ENG 101	English Composition I	3 credits

Spring I

NDT 104	Neurodiagnostic Technology II	4 credits
NDT 105	Clinical Practicum II	4 credits
BIO 108	Human Anatomy and Physiology	3 credits
ENG 102	English Composition II	3 credits

Summer I

NDT 106	Introduction to Neuroanatomy	4 credits
NDT 107	Clinical Practicum III	4 credits

Summer II

PSY 156	Human Development	3 credits
NDT 108	Clinical Practicum IV	4 credits

Fall II

NDT 201	Neuroscience I	4 credits
NDT 202	Neurodiagnostic Technology III	4 credits
NDT 203	Clinical Practicum V	4 credits
	Humanities Elective	3 credits

Spring II

NDT 204	Neuroscience II	4 credits
NDT 205	Neurodiagnostic Technology IV	4 credits
NDT 206	Clinical Practicum VI	4 credits
	Diversity Elective	<u>3 credits</u>

85 credits