

Neurodiagnostic Technology Advanced Technical Certificate (CIP 51.0903)

Purpose: Neurodiagnostic Technology is an allied health specialty for recording electrical activity arising from the brain, spinal cord, peripheral nerves, somatosensory or motor nerve systems using a variety of techniques and instruments. A major emphasis of the program is to prepare technologists for board registration by the American Board of Registration or Electroencephalographic (EEG) and Evoked Potential (EP) Technologists (ABRET).

The NDT technologist works with patients of all ages in a variety of settings including: hospitals, out-patient clinics physician offices, epilepsy monitoring units, operating rooms and research facilities.

Admission Requirements:

A new class begins each fall semester. Applications are available at www.alvincollege.edu/neurodiagnostic-technologist-ndt.

To be considered for admission to the Neurodiagnostic Technology program, the applicant must:

- a. Make application to Alvin Community College and fulfill the admission requirements.
- b. Hold an Associate Degree in a health-related field.
- c. Submit official transcripts of all previous college work to ACC Admissions Office.
- d. Submit an NDT application to the NDT department which includes 1) application, 2) two recommendation forms, 3) signed consent for release of background and drug screen, 4) any unofficial college transcripts, and documentation of required immunization.
- e. Hold a current CPR Certification - AHA Healthcare provider.
- f. Not currently be on suspension or academic probation.

Upon preliminary acceptance into the NDT ATC, applicant must complete a physical examination which includes tuberculin test and remaining required immunizations, complete a background check, attend assigned drug screening session and NDT orientation. Applicant must have a negative criminal background check and a clear drug screen as a condition of full acceptance into the program.

Other program requirements include; purchase of school uniform and lab supplies and personal health insurance.

<i>Course Number</i>	<i>Course Title</i>	<i>Credits</i>
First Semester (Fall)		
ENDT 1310	Neuroanatomy & Physiology	3
ENDT 1345	Applied Electronics and Instrumentation	3
ENDT 1350	Electroencephalography	<u>3</u>
		9
Second Semester (Spring)		
ENDT 1463	Clinical I - Electroneurodiagnostic Technology	4
ENDT 2320	Electroneurodiagnostic Tech I	<u>3</u>
		7
Third Semester (Summer)		
ENDT 2215	Nerve Conduction Studies	2
ENDT 2425	Electroneurodiagnostic Tech II	4
ENDT 2463	Clinical II - Electroneurodiagnostic Technology	<u>4</u>
		10
Fourth SemesterFall		
ENDT 2210	Evoked Potentials	2
*ENDT 2661	Clinical III - Electroencephalography	<u>6</u>
		8

Total Credits Required for A.T.C. Neurodiagnostic Technology Certificate**34**

* Capstone Course