

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.

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:

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. Make application to the Neurodiagnostic Technology program by July 1st.
- c. Hold an Associate Degree in a health-related field.
- d. Submit official transcripts from where above degree was granted.
- e. Submit appropriate state licensure and/or credentials from one of the disciplines in (c) above.
- f. Complete physical examination and immunization form which includes TB skin test and immunizations upon acceptance into the program.
- g. Not currently be on suspension or academic probation.
- h. Current CPR certification – AHA Health Care Provider.
- i. A negative background check and negative drug screen are required as a condition of full acceptance into the program.
- j. Personal Health insurance is required (Insurance form is available in S108)

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

Total Credits Required for A.T.C. Neurodiagnostic Technology Certificate34

* Capstone Course