Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.  

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**Curriculum Description**

The Electroneurodiagnostic Technology curriculum is designed to provide students with the knowledge and skills to obtain recordings of patients’ nervous system function through the use of electroencephalographic equipment and other electrophysiological devices.

Course work includes communication skills with patients and healthcare personnel, taking appropriate patient histories, electrode application, documentation of patients’ clinical status, electrical waveform recognition, management of medical emergencies, and preparation of descriptive reports for the physician.

Graduates should qualify for the ABRET (American Board of Registration of EEG and EP Technologists) Exam and, working under the supervision of a qualified physician, may be employed by hospitals or private offices of neurologists and neurosurgeons.

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**Curriculum Requirements***

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.97 (3)]

I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.

II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*

III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

<table>
<thead>
<tr>
<th>Minimum General Education Hours</th>
<th>AAS</th>
<th>Diploma</th>
<th>Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>15</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>Minimum Major Hours</td>
<td>49</td>
<td>30</td>
<td>12</td>
</tr>
<tr>
<td>Other Required Hours</td>
<td>0-7</td>
<td>0-4</td>
<td>0-1</td>
</tr>
<tr>
<td>Total Semester Hours Credit (SHC)</td>
<td>64-76</td>
<td>36-48</td>
<td>12-18</td>
</tr>
</tbody>
</table>

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*
### Major Hours

**[ref. ID SBCCC 400.97 (3)]**

A. **Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.

B. **Concentration (if applicable).** A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.

C. **Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

<table>
<thead>
<tr>
<th>Electroneurodiagnostic Technology A45320</th>
<th>AAS</th>
<th>Diploma</th>
<th>Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum Major Hours Required</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A  CORE</td>
<td>49 SHC</td>
<td>30 SHC</td>
<td>12 SHC</td>
</tr>
</tbody>
</table>

**Courses required for the diploma are designated with * **

**Required Courses:**

* EDT 110  Neuroscience & Pathologic Conditions  4 SHC
* EDT 111  Laboratory Management  1 SHC
* EDT 112  Instrumentation & Recording Methods  3 SHC
* EDT 113  Clinical Correlates  2 SHC
* EDT 114  Special Procedures  3 SHC
* EDT 115  EDT Laboratory Practice  2 SHC
* EDT 116  EDT Clinical Experience  12 SHC
* EDT 118  EDT Laboratory Practice II  3 SHC
* ELC 111  Introduction to Electricity  3 SHC
* MED 121  Medical Terminology I  3 SHC

**Required Subject Areas:**

* Anatomy and Physiology. Select one series:

BIO 165  Anatomy & Physiology I  4 SHC &
BIO 166  Anatomy & Physiology II  4 SHC or
BIO 168  Anatomy & Physiology I  4 SHC &
BIO 169  Anatomy & Physiology II  4 SHC

B. **CONCENTRATION (Not applicable)**

C. **OTHER MAJOR HOURS**

To be selected from the following prefixes:

ACA, BIO, CIS, CSC, EDT, HSC, MED, OST, and WBL.

* Up to two semester hour credits may be selected from ACA.

* Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.