



**Associate of Applied Science in  
Electrical Construction to  
BAAS in Manufacturing and Industrial Management  
General without Certification Concentration<sup>T</sup>  
Guided Pathway  
Effective for the 2019-2020 Catalog<sup>1</sup>**



**First Year Courses – North Lake College<sup>2</sup>**

FIRST SEMESTER	SECOND SEMESTER
<b>C</b> Natural Science Elective* (4 Hours) (030)	<b>ELTN 1472</b> – Electrical Construction III
<b>ELTN 1470</b> – Electrical Construction I	<b>ELTN 1473</b> – Electrical Construction IV
<b>ELTN 1471</b> – Electrical Construction II	<b>C</b> ENGL 1301 – Composition I (010)
<b>C</b> Humanities/Fine Arts Elective* (040 OR 050)	<b>BCIS 1405</b> – Business Computer Applications <u>OR</u> <b>ITSC 1401</b> – Introduction to Computers

Total Semester Hours: 15

Total Semester Hours: 15

**Second Year Courses – North Lake College**

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
<b>ELTN 1474</b> – Electrical Construction V	<b>C</b> SPCH 1311 – Introduction to Speech Communication (090) <u>OR</u> <b>C</b> SPCH 1315 – Public Speaking (090) <u>OR</u> <b>C</b> SPCH 1321 – Business and Professional Communication (090)
<b>ELTN 1475</b> – Electrical Construction VI	<b>ELTN 1477</b> – Electrical Construction VIII
<b>ELTN 1476</b> – Electrical Construction VII	<b>ELTN 1478</b> – Electrical Construction IX
<b>C</b> Social/Behavioral Science Elective* (080)	<b>ELTN 1479</b> – Electrical Construction X

Total Semester Hours: 15

Total Semester Hours: 15

**AAS: Electrical Engineering Technology (60 hours)**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**These courses may be completed at North Lake College (if offered) or TSU-Stephenville Campus**

<b>C</b> HIST 1302 – United States History II (060)	<b>C</b> GOVT 2306 – Texas Government (070)
<b>C</b> Language, Philosophy and Culture Core Elective (040) OR Creative Arts Core Elective (050)	<b>C</b> ENGL 1302 – Composition II (010)
<b>C</b> Any Core Elective (1-3 credits) (090)	<b>C</b> GOVT 2305 – Federal Government (070)
<b>C</b> HIST 1301 – United States History I (060)	<b>MATH 1316</b> – Plane Trigonometry or <b>MATH 1342</b> – Elementary Statistical Methods
<b>C</b> Life and Physical Science Core Elective (030) (4 credits)	<b>C</b> Math Core Elective (020)

Total Hours: 29-31

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
Advanced ENGT Elective	Advanced ENGT Elective
Advanced ENGT Elective	Advanced ENGT Elective
Advanced ENGT Elective	Advanced ENGT Elective

Total Semester Hours: 12

Total Semester Hours: 12

**Fourth Year - Tarleton State University**

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced Elective
Advanced Elective
Advanced Elective
Advanced Elective

Total Semester Hours: 15

Total Degree Hours: 128-130

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

<sup>1</sup> You may use this pathway if you entered one of the seven colleges on or before this date.

<sup>2</sup> Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven colleges of the DCCCD awarding the degree.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

\* There are several options to fulfill this requirement. See your academic advisor for a specific list.

You must earn a grade of "C" or better in English 1301 and the selected college-level science course.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

**Approved: 2019-2020 Guided Pathway**

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.