



INDUSTRY,  
MANUFACTURING  
& CONSTRUCTION  
NLC

**Associate of Applied Science in  
Electrical Construction to  
BAAS in Manufacturing and Industrial Management  
Safety Management 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
<sup>C</sup> Natural Science Elective* (4 Hours) (030)	ELTN 1472 – Electrical Construction III
ELTN 1470 – Electrical Construction I	ELTN 1473 – Electrical Construction IV
ELTN 1471 – Electrical Construction II	<sup>C</sup> ENGL 1301 – Composition I (010)
<sup>C</sup> Humanities/Fine Arts Elective* (040 OR 050)	BCIS 1405 – Business Computer Applications <u>OR</u> ITSC 1401 – Introduction to Computers

Total Semester Hours: 15

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

Total Semester Hours: 15

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**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**

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

Total Hours: 29-31

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3360 – Safety Management	ENGT 3320 – Industrial Safety
ENGT 3318 – Research and Reporting For Technologists	ENGT 3395 – Project Management
Advanced ENGT Course	Advanced ENGT Course
Advanced Elective Course	Advanced Elective Course

Total Semester Hours: 12

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**Fourth Year - Tarleton State University**

FIRST SEMESTER
ENGT 4320 – Occupational Safety and Health
ENGT 3326 – Ergonomics and Work Methods (Spring Only)
ENGT 3375 – Continuous Improvement
Advanced Elective Course
Advanced Elective Course

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.

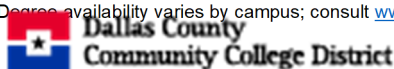
\* There are several options to fulfill this requirement. See your academic advisor for a specific list.

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.



For questions about the university portion of this guided pathway,  
contact the Engineering Technology Department at 254-968-9014 or [engineering.technology@tarleton.edu](mailto:engineering.technology@tarleton.edu).