



INDUSTRY,
MANUFACTURING
& CONSTRUCTION
NLC

**Associate of Applied Science in
Electrical Construction to
BAAS in Manufacturing and Industrial Management
Industrial Management Concentration^T
Guided Pathway
Effective for the 2019-2020 Catalog¹**



TARLETON
STATE UNIVERSITY
Member of The Texas A&M University System

First Year Courses – North Lake College²

FIRST SEMESTER	SECOND SEMESTER
C 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	C ENGL 1301 – Composition I (010)
C Humanities/Fine Arts Elective* (040 OR 050)	BCIS 1405 – Business Computer Applications OR 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	C SPCH 1311 – Introduction to Speech Communication (090) OR C SPCH 1315 – Public Speaking (090) OR C 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
C 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

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

Total Hours: 29-31

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced ENGT Elective	ENGT 4336 Production Planning
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
ENGT 3375 Continuous Improvement	ENGT 4346 Manufacturing Management
ENGT 3386 Quality Management	Advanced ENGT Elective

Total Semester Hours: 12

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Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)
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.

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

² 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.

^C This course counts for the Core Curriculum at any public college or university in Texas.

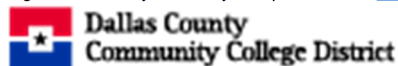
* There are several options to fulfill this requirement. See your academic advisor for a specific list.

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

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

Approved: 2019-2020 Guided Pathway

^T Degree availability varies by campus; consult 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.