



INDUSTRY,
MANUFACTURING
& CONSTRUCTION



**Associate of Applied Science in
Construction Technology – Field Engineering Emphasis to
BAAS in Manufacturing and Industrial Management
General without Certification Concentration ^T
Guided Pathway
Effective for the 2019-2020 Catalog¹**



First Year Courses – North Lake College²

FIRST SEMESTER	SECOND SEMESTER
OSHT 1307 – Construction Site Safety and Health OR OSHT 1313 – Accident Prevention, Inspection, and Investigation	CNBT 1300 – Residential and Light Commercial Blueprint Reading
ARCE 1303 – Architectural Materials and Methods of Construction	CNBT 2281 – Cooperative Education-Construction/ Engineering Technology/Technician
^C SPCH 1311 – Introduction to Speech Communication OR (090) ^C SPCH 1315 – Public Speaking OR (090) ^C SPCH 1321 – Business and Professional Communication (090)	^C ENGL 1301 – Composition I (010)
SRVY 1315 – Surveying Calculations	^C Humanities/Fine Arts Elective* (040 or 050)
SRVY 1301 – Introduction to Surveying	CNBT 1315 – Field Engineering I
	SRVY 1309 – Surveying Measurement

Total Semester Hours: 15

Total Semester Hours: 17

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
^C Social/Behavioral Sciences Elective* (080)	CNBT 2381 – Cooperative Education-Construction Engineering Technology/Technician
^C Natural Science Elective* (4 credits) (030)	Field Engineering Electives+ (4 Courses)
SRVY 1313 – Plane Surveying	
CNBT 2375 – Field Engineering II	

Total Semester Hours: 13

Total Semester Hours: 15

AAS: Construction Technology – Field Engineering Emphasis (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 Math Core Elective (020)	^{C*} Life and Physical Science Core Elective (030) (4 credits)
^C Language, Philosophy and Culture Core Elective (040) OR Creative Arts Core Elective (050)	^C ENGL 1302 – Composition II (010)
^C Institutional Option 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

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.

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.

+ *Field Engineering Electives: Twelve (12) hours of electives must be chosen from the following: ITSC 1301, SRVY 1335, SRVY 1341, SRVY 2305, SRVY 2331, SRVY 2335, SRVY 2341, SRVY 2343, SRVY 2344*

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.