



INDUSTRY,  
MANUFACTURING  
& CONSTRUCTION



**Associate in Applied Science in  
Construction Management – Residential Option to  
Bachelor of Applied Arts and Sciences in  
Manufacturing and Industrial Management  
Safety Management Concentration<sup>T</sup>  
Guided Pathway  
Effective for the 2019-2020 catalog<sup>1</sup>**



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

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> ENGL 1301 – Composition I (010)	<sup>C</sup> Social/Behavioral Science Elective* (060, 070 OR 080)
<sup>C</sup> MATH 1314 – College Algebra (020)	<sup>C</sup> SPCH 1311 – Introduction to Speech Communication (090)
CNBT 1301 – Introduction to the Construction Industry	OSHT 1313 – Accident Prevention, Inspection and Investigation
CNBT 1372 – Residential, Mechanical, Electrical and Plumbing Systems	SRVY 1315 – Surveying Calculations
ARCE 1303 – Residential Materials and Methods	CNBT 1300 – Residential and Light Commercial Blue Print Reading
<b>Total Semester Hours: 15</b>	<b>Total Semester Hours: 15</b>

**Second Year – North Lake College**

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

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> Humanities/Fine Arts Elective* (040 OR 050)	CNBT 1344 – Construction Materials Testing
BMGT 1327 – Principles of Management	CNBT 2380 – Cooperative Education-Construction/Engineering Technology/Technician
ACCT 2301 – Principles of Financial Accounting	CNBT 1374 – Estimating for Residential Building
CNBT 1359 – Project Scheduling	CNBT 2305 – Building and Contracting (Capstone)
CNBT 1342 – Building Codes and Inspections	<b>Choose ONE:</b> CNBT 2315 – Construction Specifications and Contracts
	CNBT 2317 – Green Building
	DFTG 1309 – Basic Computer-Aided Drafting
	ITSC 1301 – Introduction to Computers
	SRVY 1301 – Introduction to Surveying
<b>Total Semester Hours: 15</b>	<b>Total Semester Hours: 15</b>

**AAS: Construction Management – Residential Option (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 DCCCD (if offered) or TSU-Stephenville Campus	
<sup>C</sup> Any Core Course (090) (1-3 credits)	MATH 1316 Plane Trigonometry <u>OR</u> MATH 1342 Elementary Statistics
<sup>C</sup> HIST 1301 United States History I	<sup>C</sup> *Life & Physical Sciences Core Elective (4 credits) (030)
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> GOVT 2306 Texas Government
<sup>C</sup> *Life & Physical Sciences Core Elective (4 credits) (030)	<sup>C</sup> *Language, Philosophy & Culture OR Creative Arts Core Elective
<sup>C</sup> GOVT 2305 Federal Government	<sup>C</sup> HIST 1302 United States History II
<b>Total Semester Hours: 30-32</b>	

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4320 Occupational Safety and Health
ENGT 3320 Industrial Safety	ENGT 3395 Project Management
ENGT 3360 Safety Management	ENGT 3326 Ergonomics and Work Methods (Spring Only)
Advanced Elective Course	Advanced ENGT Course
<b>Total Semester Hours: 12</b>	<b>Total Semester Hours: 12</b>

**Fourth Year - Tarleton State University**

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course
<b>Total Semester Hours: 15</b>

**Total Degree Hours: 129-131**

**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 mathematics course.

(I) 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.