

**Associate in Applied Science in  
Construction Management – Residential Option to  
Bachelor in Applied Arts and Sciences, Manufacturing  
and Industrial Management  
Industrial Management Concentration  
Guided Pathway  
Effective for the 2018-2019 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* (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
	<sup>C</sup> Humanities/Fine Arts Elective* (040 OR 050)

Total Semester Hours: 15

Total Semester Hours: 18

**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
BMGT 1327 – Principles of Management	CNBT 1344 – Construction Materials Testing
ACCT 2301 – Principles of Financial Accounting	CNBT 2380 – Cooperative Education-Construction/Engineering Technology/Technician
CNBT 1359 – Project Scheduling	<b>Choose ONE:</b> CNBT 2315 – Construction Specifications and Contracts DFTG 1309 – Basic Computer-Aided Drafting CNBT 2317 – Green Building SRVY 1301 – Introduction to Surveying
CNBT 1374 – Estimating for Residential Building	CNBT 2305 – Building and Contracting (Capstone)
CNBT 1342 – Building Codes and Inspections	

Total Semester Hours: 15

Total Semester Hours: 12

**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.

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	MATH 1316 Plane Trigonometry <b>OR</b> MATH 1342 Elementary Statistics
<sup>C</sup> * Any Core Elective Course	ENGT 4346 Manufacturing Management
<sup>C</sup> * Life and Physical Sciences Core Elective	<sup>C</sup> * Life and Physical Science Core Elective
SUMMER	
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> * Language, Philosophy & Culture OR Creative Arts Core Elective
<sup>C</sup> GOVT 2306 Texas Government	

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	<sup>C</sup> HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
<sup>C</sup> HIST 1301 United States History I	<sup>C</sup> GOVT 2305 Federal Government

**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.

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