



INDUSTRY,
MANUFACTURING
& CONSTRUCTION



**Associate in Applied Science in
Construction Management – Commercial Option to
Bachelor of Applied Arts and Sciences in
Manufacturing and Industrial Management^T
Industrial Management Concentration
Guided Pathway
Effective for the 2019-2020 catalog¹**



First Year – North Lake College²

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1301 – Composition I (010)	^C Social/Behavioral Science Elective* (060, 070 OR 080)
^C MATH 1314 – College Algebra (020)	^C SPCH 1311 – Introduction to Speech Communication (090)
CNBT 1301 – Introduction to the Construction Industry	OSHT 1313 – Accident Prevention, Inspection and Investigation
CNBT 1302 – Mechanical, Plumbing, and Electrical Systems in Construction I	SRVY 1315 – Surveying Calculations
CNBT 1311 – Commercial Construction Materials and Methods	CNBT 2310 – Commercial/Industrial Blue Print Reading
Total Semester Hours: 15	Total Semester Hours: 15

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
^C Humanities/Fine Arts Elective* (040 OR 050)	CNBT 2380 – Cooperative Education-Construction/Engineering Technology/Technician
ACCT 2301 – Principles of Financial Accounting	Commercial Option-Related Elective+
CNBT 1359 – Project Scheduling	Commercial Option-Related Elective+
CNBT 1346 – Construction Estimating I	CNBT 2344 – Construction Management II (Capstone) Technology/Technician
Total Semester Hours: 15	Total Semester Hours: 15

AAS: Construction Management – Commercial 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	
^C Any Core Course (090) (1-3 credits)	^C *Life & Physical Sciences Core Elective (4 credits) (030)
^C HIST 1301 United States History I	MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics
^C ENGL 1302 Composition II	^C GOVT 2306 Texas Government
^C *Life & Physical Sciences Core Elective (4 credits) (030)	^C HIST 1302 United States History II
^C *Language, Philosophy & Culture OR Creative Arts Core Elective	^C GOVT 2305 Federal Government
Total Semester Hours: 30-32	

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	ENGT 4346 Manufacturing Management
Advanced Elective Course	Advanced ENGT Course
Total Semester Hours: 12	Total Semester Hours: 12

Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course
Total Semester Hours: 15

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.

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.

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

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

+ Construction Management electives for the Commercial option can be chosen from the following:

CNBT 1342, CNBT 2315, CNBT 2317, CNBT 2335, DFTG 1309, ENTC 1323, ITSC 1301, SRVY 1301, SRVY 1309

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

() 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.