

**AA, General Studies-Construction Management/Technology to
Bachelor of Science in
Construction Science and Management^T
Guided Pathway
Effective for the 2019-2020 Catalog**

First Year – North Central Texas College

| FIRST SEMESTER | SECOND SEMESTER |
|--------------------------------------|--|
| ENGL 1301 Composition I | ENGL 2311 Technical Writing |
| HIST 1301 US History I | HIST 1302 US History II or HIST 2301 Texas History |
| EDUC/PSYC 1300 Learning Frameworks | MATH 2413 Calculus* |
| MATH 2412 Pre-Calculus* | MUSI 1306 or other Creative Arts core |
| ACCT 2301 Principles of Accounting I | CHEM 1411 General Chemistry |

Total Semester Hours: 16

Total Semester Hours: 17

Second Year – North Central Texas College

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

| FIRST SEMESTER | SECOND SEMESTER |
|--|---|
| GOVT 2305 American National Government | GOVT 2306 Texas Government |
| SPCH 1311 Intro to Communications, SPCH 1315 Public Speaking, or SPCH 1321 Business & Professional | PHIL 2306 Intro to Ethics or other Language/Philosophy/Culture core |
| ECON 2302 Microeconomics | PHYS 1402 College Physics II or PHYS 2426 Engineering Physics II |
| PHYS 1401 College Physics I or PHYS 2425 Engineering Physics | MATH 1342 Elementary Statistics |
| MATH 2414 Calculus II* | |

Total Semester Hours: 17

Total Semester Hours: 13

Associates of Arts- General Studies- Construction Management/Technology Majors

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 NCTC or TSU

| | |
|--|--|
| ^C MATH 1314 – College Algebra | |
|--|--|

Total Semester Hours: 3

Third Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|--|--|
| CNST 1306 – Construction Materials and Methods | CNST 1305 – Construction Graphics |
| CNST 3301 – Building Mechanical and Electrical Systems | CNST 1307 – Construction Methods-Concrete and Masonry |
| CNST 3302 – Construction Estimating II | CNST 3385 – Project Management |
| CNST 3321 – Construction Management | CNST 3309 – Commercial Construction and Industrial Subsystems |
| CNST 3311 – Construction Materials Testing and Inspection | CNST 3335 – Construction Layout and Site Development |

Total Semester Hours: 15

Total Semester Hours: 15

Fourth Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|---|---|
| ENGT 3318 – Research and Reporting for Technologists | CNST 4322 – Building Information Modeling |
| CNST 4310 – Site & Building Foundations | CNST 4395 – Construction Capstone |
| CNST 4313 – Construction Law and Ethics | CNST 2323 – Construction Estimating I |
| CNST 4325 – Contract Administration | ^C ENGT 2303 – Engineering Economy |
| CNST 3320 – Construction Safety Management | CNST 3308 – Structural Steel and Timber Construction |

Total Semester Hours: 15

Total Semester Hours: 15

Total Degree Hours: 126

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.

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

^T Degree availability varies by campus; consult www.tarleton.edu for more information.

*MATH 1314 is a prerequisite to CHEM 1411, and MATH 1314 along with either MATH 1316 or 2412 are prerequisites to MATH 2413 and PHYS 1401 or 2425. Until you have completed these prerequisites you will be under a General Studies major (AA or AS degree). Some Math prerequisites may be satisfied by earning required scores on CLEP, AP, IB, ACT, SAT, or an NCTC approved Math placement exam. Please see an advisor at NCTC for details.