



AAS in CADD-Building/Civil Technology to
Bachelor of Applied Arts and Sciences in
Manufacturing and Industrial Management
Safety Management Concentration^T
Guided Pathway
2019-2020 Catalog



First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
(Program runs on two 8 week sessions per semester) *	DFTG 2440 – Solid Modeling and Design
DFTG 1305 – Technical Drafting	DFTG 1417 – Architectural Drafting-Residential
GOVT 2305 (070) – Federal Government ^{C*}	SRVY 1301 – Introduction to Surveying
CNBT 1302 – Mechanical/Plumbing/Electrical Systems in Construction	DFTG 2428 – Architectural Drafting-Commercial
DFTG 1409 – Basic Computer Aided Drafting	DFTG 2427 – Landscape Drafting

Total Semester Hours: 13

Total Semester Hours: 19

Second Year – Tarrant County College District

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

FIRST SEMESTER	SECOND SEMESTER
MATH 1314 (020) – College Algebra ^{C*}	DFTG 2430 – Civil Drafting
SPCH 1321 – Business and Professional Communication ^{C*}	ARTS 1301 (050) – Art Appreciation ^{C*}
DFTG 2431 – Advanced Technologies in Architectural Design and Drafting	ENGL 1301 (010) – Composition I ^C
DFTG 2421 – Topographical Drafting	DFTG 2438 – Final Project in Advanced Drafting

Total Semester Hours: 14

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AAS: CADD-Manufacturing Technology

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 TCC (if offered) or TSU-Stephenville Campus

^{C*} Life and Physical Science Core Elective (4 credits) (030)	^{C*} Life and Physical Science Core Elective (4 credits) (030)
^C HIST 1301 – United States History I	^C HIST1302 – United States History II
^{C*} Any Core Course (090) (1 credit minimum)	^{C*} Language, Philosophy and Culture Core Elective (040)
MATH 1316 – Plane Trigonometry or MATH 1342 – Elementary Statistical Methods	^C ENGL 1302 – Composition II
^C GOVT 2306 – Texas Government	^{C*} Social and Behavioral Science Core Elective (080)

Total Semester Hours: 30-32

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced ENGT Elective	ENGT 4320 Occupational Safety and Health
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
ENGT 3326 Ergonomics and Work Methods (Spring Only)	ENGT 3360 Safety Management
ENGT 3320 Industrial Safety	Advanced ENGT Elective

Total Semester Hours: 14

Total Semester Hours: 16

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: 129

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.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

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

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

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