



AAS – CADD Technology to  
BAAS-Manufacturing and Industrial Management  
General Concentration<sup>T</sup>  
**Guided Pathway**  
2019-2020



### First Year - Grayson College

FIRST SEMESTER	SECOND SEMESTER
DFTG1309 BASIC CAD	DFTG 2419 Intermediate CAD
DFTG1405 Technical Drafting	DFTG 2331 Advanced Tech in Arch
DFTG1317 Residential Architecture	DFTG 1433 Mechanical Drafting
<sup>C</sup> SPCH 1311 Intro to Speech Comm (010)*	<sup>C</sup> HUMA 1301 Introduction to the Humanities (040)*
EDUC/PSYC 1300 Learning Frameworks	<sup>C</sup> PSYC 2301 General Psychology (080)*

Total Semester Hours: 16

Total Semester Hours: 17

### Second Year Grayson College

Its best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
DFTG 2402 Machine Drafting	DFTG 2440 Solid Modeling/Design
DFTG 2417 Descriptive Geometry	DFTG 2438 Final Projects
DFTG 1445 Parametric Modeling	DFTG 2450 Geometric Dim and Tolerancing
<sup>C</sup> ENGL 1301 Composition I	<sup>C</sup> MATH 1314 College Algebra (020)

Total Semester Hours: 15

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### AAS: CADD 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 Grayson College or TSU-Stephenville Campus	
<sup>C</sup> HIST1302 United States History II	<sup>C</sup> Creative Arts (050)*
<sup>C*</sup> Life and Physical Science Elective Course (4 credits)	<sup>C</sup> GOVT 2305 Federal Government
<sup>C*</sup> Life and Physical Science Elective Course (4 credits)	<sup>C</sup> ENGL 1302 Composition II
<sup>C</sup> HIST 1301 United States History I	<sup>C</sup> GOVT 2306 Texas Government
MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistics	

Total Hours: 29

### Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
Advanced ENGT Elective	Advanced ENGT Elective
Advanced ENGT Elective	Advanced ENGT Elective
Advanced ENGT Elective	Advanced ENGT Elective

Total Semester Hours: 12

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### Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced Elective
Advanced Elective
Advanced Elective
Advanced Elective

Total Semester Hours: 9

TOTAL Degree Hours: 131

**IMPORTANT NOTES: Check with an advisor if you have any questions. It can save you both time and money.**

<sup>1</sup> Degree plans may change in later catalogs. You may use this pathway if you entered Grayson College on or before this date.

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

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.

For questions about the University portion of this degree plan,  
Contact the Department of Engineering Technology at (254) 968-9014 or [engineering.technology@tarleton.edu](mailto:engineering.technology@tarleton.edu).