



Computer-Aided Design AAS to  
 BAAS in Manufacturing and Industrial Management  
 Safety Management Concentration †  
**Guided Pathway**  
 Effective for the 2019-2020 Catalog



**First Year – Paris Junior College**

FIRST SEMESTER	SECOND SEMESTER
DFTG 1305 - Technical Drafting	DFTG 1345 - Parametric Modeling and Design
DFTG 1309 - Basic Computer-Aided Drafting	DFTG 2302 - Machine Drafting
DFTG 1325 - Blueprint Reading and Sketching	DFTG 2312 - Technical Illustration and Presentation
DFTG 2319 - Intermediate Computer-Aided Drafting	DFTG 2340 - Solid Modeling/Design
ENGL 1301 - Composition I	SPCH 1321 - Business and Professional Communication
Total Semester Hours: 15	Total Semester Hours: 15

**Second Year – Paris Junior College**

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

FIRST SEMESTER	SECOND SEMESTER
DFTG 1317 - Architectural Drafting - Residential	DFTG 1358 - Electrical/Electronic/Drawing
DFTG 2321 - Topographical Drafting	DFTG 2323 - Pipe Drafting
DFTG 2331 - Advanced Technologies in Architectural Design and Drafting	DFTG 2338 - Final Project - Advanced Drafting
DFTG 2328 - Architectural Drafting - Commercial	GOVT 2305 - Federal Government
MUSI 1306 - Music Appreciation	MATH 1314 - College Algebra
Total Semester Hours: 15	Total Semester Hours: 15

**AAS: Computer-Aided Design**

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 taken at Paris Junior College (if offered) or TSU-Stephenville Campus**

<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> *Life and Physical Science Core Elective (4 credits)
<sup>C</sup> *Life and Physical Science Core Elective (4 credits)	<sup>C</sup> *Language, Philosophy, and Culture Core Elective
<sup>C</sup> MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics	<sup>C</sup> GOVT 2306 Texas Government
<sup>C</sup> Social and Behavioral Science Core Elective	<sup>C</sup> HIST1301 United States History I
<sup>C</sup> *Any Core Elective (1 credit minimum)	<sup>C</sup> HIST 1302 United States History II
Total Semester Hours: 14	Total Semester Hours: 16

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4320 Occupational Safety and Health
ENGT 3320 Industrial Safety	ENGT 3395 Project Management
ENGT 3360 Safety Management	ENGT 3326 Ergonomics and Work Methods (Spring Only)
Advanced Elective Course	Advanced ENGT Course
Total Semester Hours: 12	Total Semester Hours: 12

**Fourth Year - Tarleton State University**

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

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

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