



**AAS in Drafting and Design Technology  
to BAAS in Manufacturing and Industrial Management  
Safety Management Concentration  
Guided Pathway  
Effective for the 2018-2019 Catalog**



**First Year – Trinity Valley Community College**

FIRST SEMESTER	SECOND SEMESTER
DFTG 1305 Technical Drafting	DFTG 2323 Pipe Drafting
◐MATH 1314 College Algebra	DFTG 2332 Adv. Computer Aided Drafting
ENGL 1301 English Composition I	◐GOVT 2305 Federal Government
DFTG 1309 Basic Computer Aided Drafting	◐SPCH 1321 Business & Professional Communication (010)
DFTG 1358 Electronic Drafting	◐Language, Philosophy & Culture (040)

**Second Year – Trinity Valley Community College**

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

FIRST SEMESTER	SECOND SEMESTER
DFTG 1302 Intro to Tech Animation & Rendering	MCHN 1325 Intro to Computer Aided Manufacturing
ARCE 2344 Strength in Materials	DFTG 2380 Co-op Seminar OR Approved Elective
DFTG 2321 Topographical Drafting	DFTG 2328 Arch. Drafting/Commercial
DFTG 1317 Arch. Drafting/Residential	ARCE 1352 Structural Drafting
DFTG 1345 Parametric Modeling and Design	DFTG 2340 Solid Modeling/Design

**AAS: Drafting and Design Technology**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 <b>Research and Reporting For Technologists</b>	ENGT 3320 Industrial Safety
MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
◐ENGL 1302 – Composition II	Advanced ENGT Course
◐ *Life and Physical Science Core (030)	◐ *Life and Physical Science Core (030)
ENGT 3360 Safety Management	◐GOVT 2306 Texas Government
SUMMER	
◐ *Institutional Option (090)	◐HIST 1301 United States History I
◐ *Social and Behavioral Science (080)	

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 4320 Occupational Safety and Health	ENGT 3375 Continuous Improvement
ENGT 3326 Ergonomics and Work Methods (Spring Only)	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	Advanced Elective Course
SUMMER	
◐ *Creative Arts (050)	◐HIST 1302 United States History II

**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.

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

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.