



**AAS in Drafting and Design Technology
to BAAS in Manufacturing and Industrial Management
Guided Pathway
Effective for the 2016-2017 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	Government
DFTG 1309 Basic Computer Aided Drafting	SPCH 1321 Business & Professional Communication
DFTG 1358 Electronic Drafting	Language, Philosophy & Culture/Creative Arts

Second Year – Trinity Valley Community College

It's best to apply to Tarleton State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

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 3303 Industrial Materials	ENGT 4336 Production Planning
^c MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
^c ENGL 1302 – Composition II	^c *Science Core
^c *Science Core	^c GOVT 2306 Texas Government
	SUMMER
	^c HIST 1301 United States History I

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 4376 Automated Manufacturing Systems
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
^c *Arts Core	^c 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.

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

For questions about the University portion of this guided pathway,
Contact the Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu.