



**AAS in Drafting and Design Technology
to BAAS in Manufacturing and Industrial Management
Guided Pathway
Effective for the 2019-2020 Catalog**



First Year – Trinity Valley Community College

FIRST SEMESTER	SECOND SEMESTER
ENGL 1301 English Composition	DFTG 2323 Pipe Drafting
EDUC 1300/PSYC 1300 Learning Framework	DFTG 2332 Adv. Computer Aided Drafting
DFTG 1305 Technical Drafting	DFTG 2321 Topographical Drafting
DFTG 1409 Basic Computer Aided Drafting	MATH 1314 College Algebra
DFTG 1358 Electronic Drafting	MCHN 1320 Precision Tools & Measures

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
Language, Philosophy & Culture/Creative Arts	Core HIST, GOVT, or Social/Behavior Science
ARCE 2344 Strength in Materials	DFTG 2280 Co-op Seminar
DFTG 1317 Architectural Drafting/Residential	DFTG 2328 Arch. Drafting/Commercial
DFTG 1345 Parametric Modeling and Design	ARCE 1315 Structural Steel Detailing
MCHN 1326 Intro. to Computer Aided Manufacturing	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 3375 Continuous Improvement
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.