



AAS – Drafting and Design Technical to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
Safety Concentration
Guided Pathway
 Effective for the 2018-2019 Catalog



First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
DFTG-1405 Intro to Technical Drafting	DFTG-2319 Intermediate CAD
^C ENGL-1301 English Composition I	^C SPCH Communication Elective
^C Math-1316 Trigonometry	MCHN-2331 Operations Of CNC Turning Centers
DFTG-1433 Mechanical Drafting	DFTG-1445 Parabolic Modeling & Design
DFTG-1329 Electro – Mechanical Drafting	ARTV-1302 Into to Animation & Rendering

Total Semester Hours:

Total Semester Hours:

Second Year – Del Mar College

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

FIRST SEMESTER	SECOND SEMESTER
^C Creative Arts Elective	^C HIST-1301 – United States History I
DFTG 1317 Architecture Drafting -Residential	DFTG-1330 Civil Drafting
CNBT-1359 Project Scheduling	DFTG-2332 Advance CAD
ARCE-1352 Structural Drafting	ARCH-2344 Strengths of Materials
DFTG-2323 Pipe Drafting	DFTG-2238 Final Project

Total Semester Hours:

Total Semester Hours: 60

AAS: Drafting and Design Technical

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 Research & Reporting for Technologists	ENGT 4320 Occupational Safety and Health
ENGT 3320 Industrial Safety	ENGT 3395 Project Management
^C *Language, Philosophy & Culture Core Elective	ENGT 3326 Ergonomics and Work Methods (Spring Only)
^C *GOVT 2306 Texas Government	ENGT 3360 Safety Management
^C *Life and Physical Science Core Elective	MATH 1342 Elem Stats
SUMMER	
^C ENGL 1302 Composition II	^C *Institutional Option Core Elective
^C *Social & Behavioral Sciences Core Elective	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3375 Continuous Improvement	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	^C HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
^C *Life and Physical Science Core Elective	^C GOVT 2305 Federal Government

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.
- () Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

*For questions about the university portion of this pathway,
 Contact the Department of Engineering Technology at 254-968-9014 or engineering.technology@tarleton.edu.*