



**AAS in Engineering Design Technology to
BAAS in Manufacturing and Industrial Management
Guided Pathway
Effective for the 2016-2017 Catalog**

First Year – Tyler Junior College

FIRST SEMESTER (17 SCH)	SECOND SEMESTER (15 SCH)
DFTG 2440 – Solid Modeling/Design	DFTG 2450 – Geo. Dimensioning and Tolerancing
TECM 1303 – Technical Calculations	DFTG 1405 – Technical Drafting
^c EDUC 1300 – Learning Framework (090)	DFTG 1417 – Architectural Drafting – Residential
ITSC 1309 – Integrated Software Applications I	^c ENGL 1301 – Composition I (010)
DFTG 1409 – Basic Computer-Aided Drafting	

Second Year – Tyler Junior College

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

FIRST SEMESTER (16 SCH)	SECOND SEMESTER (12 SCH)
DFTG 2300 – Intermediate Arch. Drafting – Res.	DFTG 2330 – Civil Drafting *
^c PHYS 1405 – Elementary Physics I (030)	DFTG 2306 – Machine Design
DFTG 2302 – Machine Drafting	^c ENGL 2311 – Technical & Business Writing (040)
^c ENGL 2332 – World Literature I * (040)	^c SPCH 1321 – Bus. & Prof. Communication (010)
DFTG 2321 – Topographical Drafting	

AAS: Engineering 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 *Science Core	^c *Science Core
^c GOVT 2306 Texas Government	^c *Visual & Performing Arts

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 HIST1301 United States History I	^c HIST 1302 United States History II
	SUMMER
	^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.

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