



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

**First Year – Tyler Junior College**

FIRST SEMESTER (18 SCH)	SECOND SEMESTER (14 SCH)
DFTG 1409 – Basic Computer-Aided Drafting	DFTG 1405 – Technical Drafting
DFTG 2440 – Solid Modeling/Design	DFTG 1358 – Electrical/Electronics Drafting
DFTG 1471 – Process Piping Design I	DFTG 1472 – Process Piping Design II
ITSC 1309 – Integrated Software Applications I	TECM 1303 – Technical Calculations
Ⓒ EDUC 1300 – Learning Framework (090)	

**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 (14 SCH)	SECOND SEMESTER (14 SCH)
DFTG 2470 – Process Piping Design III	DFTG 2471 – Process Piping Design IV
Ⓒ ENGL 1301 – Composition I (010)	ARCE 1452 – Structural Drafting
Ⓒ SPCH 1321 – Bus. & Prof. Communication (010)	Ⓒ ENGL 2311 – Technical & Business Writing (090)
Ⓒ PHYS 1405 – Elementary Physics I (030)	Ⓒ ENGL 2332 – World Literature I * (040)

**AAS: Process Piping Design**

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
Ⓒ MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
Ⓒ ENGL 1302 – Composition II	Ⓒ *Science Core
Ⓒ *Science Core	Ⓒ *Visual & Performing Arts
	<b>SUMMER</b>
	Ⓒ GOVT 2306 Texas Government

**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
Ⓒ HIST1301 United States History I	Ⓒ HIST 1302 United States History II
	<b>SUMMER</b>
	Ⓒ 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.

Ⓒ 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](mailto:Engineering.Technology@tarleton.edu).