



**AAS in Process Piping Design to
BAAS in Manufacturing and Industrial Management
Safety Management Concentration
Guided Pathway
Effective for the 2018-2019 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 1472 – Process Piping Design II
DFTG 1471 – Process Piping Design I	TECM 1303 – Technical Calculations
ITSC 1309 – Integrated Software Applications I	ENGL 2332 – World Literature I * (040)
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.

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 – Business & Professional Communication (010)	DFTG 1358 – Electrical/Electronics Drafting
PHYS 1405 – Elementary Physics I (030)	ENGL 2311 – Technical & Business Writing (090)

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 3318 Research and Reporting For Technologists	ENGT 3360 Safety Management
ENGL 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3320 Industrial Safety	Advanced ENGT Course
*Life and Physical Science (030)	*Social and Behavioral Science (080)
ENGT 4320 Occupational Safety and Health	*Creative Arts (050)
SUMMER SEMESTER	
*Math	GOVT 2306 Texas Government

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3326 Ergonomics and Work Methods (Spring)	ENGT 3375 Continuous Improvement
Advanced Elective Course	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	HIST 1302 United States History II
HIST1301 United States History I	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.

ENGL 1301 This course counts for the Core Curriculum at any public college or university in Texas.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.

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