



**AAS in Process Piping Design to  
Bachelor of Applied Arts & Sciences  
Guided Pathway  
Effective for the 2017-2018 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 Texas A&M University-Commerce a full semester before transfering 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 – 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 Courses - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
◌ ANY MATH CORE	◌ HIST 1302 - U.S. History from 1865
◌ HIST 1301 - U.S. History to 1877	◌ PSCI 2302 - US/TX Government; Institutions & Policies <sup>2</sup>
◌ PSCI 2301 - Principles of US and Texas Government <sup>2</sup>	◌ ANY CREATIVE ARTS CORE
◌ ANY SOCIAL OR BEHAVIORAL SCIENCE CORE	◌ ANY LIFE & PHYSICAL SCIENCE CORE
BAAS 301 Principles of Applied Sciences	BAAS 326 Tech Techniques & Solutions

**Fourth Year Courses - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	TMGT 303 Technical Communications
BAAS 351 Financial Tools for Managers (Pre Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	Upper Level Elective

**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 and does not count toward degree hours.

\* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

<sup>2</sup>Taking both GOVT courses at TJC creates a better alignment.

For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or [Misty.Lair@tamuc.edu](mailto:Misty.Lair@tamuc.edu).