



**AAS in Welding Technology to
Bachelor of Applied Arts & Sciences
Guided Pathway
2018-2019 Catalog**



First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
WLDG 1204 – Fund. Of Oxy-Fuel Welding and Cutting	WLDG 2443 – Adv. Shielded Metal Arc Welding (SMAW)
WLDG 1313 – Intro. to Blueprint Reading for Welders	WLDG 1317 – Introduction to Layout and Fabrication
WLDG 1428 – Intro. to Shielded Metal Arc Weld. (SMAW)	WLDG 1430 – Intro. to Gas Metal Arc Welding (GMAW)
ENGL 1301 – Composition I (010)	MATH 1314 – College Algebra * (020)
Total semester hours: 12	Total semester hours: 14
	SUMMER I
	WLDG 1312 – Intro. to Flux-Cored Arc Welding (FCAW)
	Total semester hours: 3

Second Year – Tyler Junior College

It's best to apply to Texas A&M University-Commerce a full semester before transferring and submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
WLDG 1435 – Introduction to Pipe Welding	WLDG 1434 – Intro. to Gas Tungsten Arc Weld. (GTAW)
WLDG 2453 – Advanced Pipe Welding	WLDG 2451 – Adv. Gas Tungsten Arc Welding (GTAW)
ITSC 1309 – Integrated Software Applications I	PHIL 2306 – Introduction to Ethics (040)
SPCH 1321 – Business & Prof. Communication (010)	PSYC 2301 – General Psychology * (080)
Total semester hours: 14	Total semester hours: 14
	SUMMER I
	WLDG 1327 – Welding Codes and Standards
	Total semester hours: 3

AAS: Welding Technology

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
ENG 1302 - GLB/US-Written Argument/Research	HIST 1302 - U.S. History from 1865
HIST 1301 - U.S. History to 1877	PSCI 2302 - US/TX Government; Institutions & Policies ²
PSCI 2301 - Principles of US and Texas Government ²	ANY CREATIVE ARTS CORE
ANY LIFE & PHYSICAL SCIENCE CORE	ANY LIFE & PHYSICAL SCIENCE CORE
BAAS 301 Principles of Applied Sciences	ANY DEGREE PATHWAY OPTION
	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.

^c 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).

²Taking 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.