



**AAS Welding to**  
Bachelor of Applied Arts & Sciences  
**Guided Pathway Catalog Year: 2019-2020**



**First Year – Grayson College**

FIRST SEMESTER	SECOND SEMESTER
TECM 1303 Technical Calculations	MCHN 1320 Prec Tools & Measurement
EDUC/PSYC 1300 Learning Frameworks <sup>090</sup>	ELPT 1311 Basic Electrical Theory
c HIST 1301 U.S History*	MCHN 1302 Print Reading for Machining Trades
c MATH 1332 Contemporary Math <sup>020</sup>	c ENGL 1301 Comp 1 <sup>010</sup>
c ANY CORE SCIENCE	c PHIL 1301 Intro *

Total Semester Hours: 15

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**Second Year - Grayson College**

It's best to apply to TAMUC a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
MCHN 1371 Manufacturing Skills Standards	ELPT 2319 Programmable Logic Controllers
QCTC 1343 Quality Assurance	MCHN 1326 Intro to Computer Aided Manu.
MCHN 1438 Basic Machine Shop I	INMT 1391 Special Topics
MCHN 1454	ELPT 1441 Motor Controls (May Mini)
	INMT 2688 Internship (Summer)

Total Semester Hours: 14

Total Semester Hours: 19

**AAS: Advanced Manufacturing Technology**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**Third Year – Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
c ENG 1302 - GLB/US-Written Argument/Research	c HIST 1302- U.S. History from 1865
c Social Behavior Science Elective	c PSCI 2306 – Texas Government
c PSCI 2305 - US Government <sup>2</sup>	c Creative Arts elective
c ANY Component Area Core	c ANY CORE SCIENCE
BAAS 301 Principles of Applied Sciences	TMGT 303 Technical Communications

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

FIRST SEMESTER	SECOND SEMESTER
BAAS 326 Tech Techniques & Solutions	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving	TMGT 358 Project Management
BAAS 351 Financial Tools for Managers	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.

\* 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.

() Course numbers shown in parentheses are equivalent to these courses at TAMUC.

*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).*