



**AAS in Welding to
BAAS in Manufacturing and Industrial Management
Guided Pathway
2019-2020 Catalog**

First Year – Trinity Valley Community College

FIRST SEMESTER	SECOND SEMESTER
EDUC/PSYC 1300 Learning Frameworks	WLDG 1435 Introduction to Pipe Welding
WLDG 1521 Welding Fundamentals	Core HIST, GOVT, or Social/Behavior Science
WLDG 1323 Welding Safety, Tools and Equipment	WLDG 1530 Intro to Gas Metal Arc Welding (GMAW)
WLDG 1317 Introduction to Layout and Fabrication	MATH 1332 Contemporary Math I

Second Year – Trinity Valley Community College

It's best to apply to Tarleton State University 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
WLDG 1557 Intermediate Metal Arc Welding	WLDG 2543 Advanced Shielded Metal Arc Welding
Welding Elective	BCIS 1305 Business Computer Applications
Language, Philosophy & Culture/Creative Arts	
ENGL 1301 Composition I	

SEMESTER FIVE	SUMMER ONE 6 WEEKS
WLDG 2506 Intermediate Pipe Welding	
WLDG 2553 Advanced Pipe Welding	

AAS: Welding

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
^c MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
^c ENGL 1302 – Composition II	^c *Science Core
^c *Science Core	^c GOVT 2306 Texas Government
SUMMER	
^c HIST 1301 United States History I	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 3375 Continuous Improvement
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
^c *Arts Core	^c HIST 1302 United States History II
SUMMER	
^c 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.

^c 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.*