



Welding AAS to  
BAAS in Manufacturing and Industrial Management  
General Concentration <sup>T</sup>  
**Guided Pathway**  
Effective for the 2019-2020 Catalog



### First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
ENGL 1301 - Composition I	WLDG 1417 - Intro to Layout and Fabrication
MATH 1332 - Contemporary Mathematics	WLDG 1435 - Intro to Pipe Welding
WLDG 1307 - Intro to Welding Using Multi-processes	WLDG 1457 - Intermediate Shielded Metal Arc Welding
WLDG 1313 - Intro to Blueprint Reading for Welders	SPCH 1321 - Business and Professional Communication
WLDG 1428 - Intro to Shielded Metal Arc Welding	

Total Semester Hours: 16

Total Semester Hours: 15

### Second Year – Paris Junior College

It is best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
GOVT 2305 - Federal Government	DRAM 1310 - Introduction to Theater
WLDG 1434 - Introduction to Gas Tungsten Arc Welding	WLDG 1327 - Welding Codes and Standards
WLDG 1453 - Intermediate Layout and Fabrication	WLDG 2443 - Advanced Shielded Metal Arc Welding
WLDG 2406 - Intermediate Pipe Welding	WLDG 2451 - Advanced Gas Tungsten Arc Welding

Total Semester Hours: 15

Total Semester Hours: 14

### AAS: Welding

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

#### These courses may be taken at PJC (if offered) or TSU-Stephenville Campus

<sup>C</sup> MATH 1316 Plane Trigonometry OR Math 1342 Statistics	<sup>C</sup> *Life and Physical Science Core Elective (4 credits)
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> *Language, Philosophy, & Culture Core Elective
<sup>C</sup> *Life and Physical Science Core Elective Elective (4 credits)	<sup>C</sup> *Social and Behavioral Science Core Elective
<sup>C</sup> GOVT 2306 Texas Government	<sup>C</sup> *Any Core Course (minimum 1 credit)
<sup>C</sup> HIST1301 United States History I	<sup>C</sup> HIST 1302 United States History II

Total Semester Hours: 16

Total Semester Hours: 14

### Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	Advanced ENGT Course
Advanced ENGT Course	ENGT 3395 Project Management
Advanced ENGT Course	Advanced ENGT Course
Advanced Elective Course	Advanced ENGT Course

Total Semester Hours: 12

Total Semester Hours: 12

### Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course

Total Semester Hours: 15

Total Degree Hours: 129

**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.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.

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