



**AAS in Welding to
Bachelor in Applied Arts and Sciences
Manufacturing and Industrial Management
General Concentration
Guided Pathway**
Effective for the 2018-2019 Catalog



First Year – Collin College

FIRST SEMESTER	SECOND SEMESTER
^c MATH 1332 – Contemporary Mathematics (Quantitative Reasoning)* (020)	^c ENGL 1301 – Composition I (010)
WLDG 1428 – Introduction to Shielded Metal Arc Welding (SMAW)	^c SPCH 1321 – Introduction to Speech Communication* (090)
WLDG 1434 – Introduction to Gas Tungsten Arc Welding (GTAW)	WLDG 1413 – Introduction to Blueprint Reading for Welders
WLDG 1530 – Introduction to Gas Metal Arc Welding (GMAW)	WLDG 1435 – Introduction to Pipe Welding

Second Year – Collin College

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

FIRST SEMESTER	SECOND SEMESTER
WLDG 2443 – Advanced Shielded Metal Arc Welding (SMAW)	WLDG 1425 – Introduction to Oxy-Fuel Welding and Cutting
WLDG 2451 – Advanced Gas Tungsten Arc Welding (GTAW)	WLDG 2413 – Intermediate Welding Using Multiple Processes (Capstone) OR WLDG 2480 – Cooperative Education - Welding Technology/Welder
WLDG 2453 – Advanced Pipe Welding OR WLDG 2450 – Orbital Tube Welding	WLDG 2431 – Advanced Blueprint Interpretation and Cost Analysis
^c ARTS 1301 – Art Appreciation* (050)	^c PSYC 2301 – General Psychology* (080)

AAS: Welding - Welding Technology Track

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 3318 Research & Reporting for Technologists	Advanced ENGT Course
Advanced ENGT Course	ENGT 3395 Project Management
Advanced ENGT Course	MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics
^c * Any Core Elective	Advanced ENGT Course
^c * Life and Physical Science Core Elective	^c * Life and Physical Science Core Elective
SUMMER	
^c ENGL 1302 Composition II	^c GOVT 2306 Texas Government
^c GOVT 2305 Federal Government	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3375 Continuous Improvement	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	^c HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
^c HIST 1301 United States History I	^c * Language, Philosophy & Culture Core 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 Tarleton State University.