

**Welding to
BAAS in Manufacturing and Industrial Management
Safety Management Concentration
Guided Pathway
Effective for the 2018-2019 Catalog**

First Year – Vernon College

FIRST SEMESTER	SECOND SEMESTER
XXXX X3XX Elective	◻MATH 1314 College Algebra or MATH 1332 Contemporary Mathematics (020)
OSHT 1309 Physical Hazards Control	◻SPCH 1315 Public Speaking (010)
WLDG 1413 Introduction to Blueprint Reading for Welders	WLDG 1430 Introduction to Gas Metal Arc Welding (GMAW)
WLDG 1428 Introduction to Shielded Metal Arc Welding (SMAW)	WLDG 1434 Introduction to Gas Tungsten Arc Welding (GTAW)

Second Year – Vernon College

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

FIRST SEMESTER	SECOND SEMESTER
◻XXXX X3XX Language, Philosophy & Culture Elective	◻GOVT 2305 Federal Government
◻ENGL 1301 Composition I	WLDG 1427 Welding Codes and Standards
WLDG 1337 Introduction to Welding Metallurgy	WLDG 1417 Introduction to Layout and Fabrication
WLDG 1435 Introduction to Pipe Welding	WLDG 2453 Advanced Pipe Welding
WLDG 2413 Intermediate Welding Using Multiple Processes	

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 3318 Research and Reporting For Technologists	ENGT 4320 Occupational Safety and Health
◻MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3320 Industrial Safety	Advanced ENGT Course
◻ENGL 1302 – Composition II (090)	◻*Visual & Performing Arts (050)
◻*Life and Physical Science (030)	
THIRD SEMESTER	
◻ Social and Behavioral Sciences (080)	◻*Institutional Option (090)

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3360 Safety Management	ENGT 3375 Continuous Improvement
ENGT 3326 Ergonomics and Work Methods (Spring Only)	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	Advanced Elective Course
◻*Life and Physical Science (030)	◻HIST 1302 United States History II (060)
THIRD SEMESTER	
◻HIST1301 United States History I (060)	◻GOVT 2306 Texas Government (070)

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.

◻ This course counts for the Core Curriculum at any public college or university in Texas.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.

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