

**Welding to
BAAS in Manufacturing and Industrial Management
Guided Pathway
Effective for the 2017-2018 Catalog**

First Year – Vernon College

FIRST SEMESTER	SECOND SEMESTER
XXXX X3XX Elective	◌MATH 1314 College Algebra or MATH 1332 Contemporary Mathematics
OSHT 1309 Physical Hazards Control	◌SPCH 1315 Public Speaking
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. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
◌XXXX X3XX Humanities/Fine Arts 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 3303 Industrial Materials	ENGT 4336 Production Planning
◌MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
◌ENGL 1302 – Composition II (090)	◌*Visual & Performing Arts (050)
◌*Science Core (030)	
THIRD SEMESTER	
◌ Social and Behavioral Sciences (080)	

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
◌*Science Core (030)	◌HIST 1302 United States History II (060)
◌HIST1301 United States History I (060)	THIRD SEMESTER
	◌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.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

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