

**AAS in Welding to
BAAS in Manufacturing and Industrial Management
Guided Pathway
2017-2018 Catalog**

First Year – NCTC

FIRST SEMESTER	SECOND SEMESTER
WLDG 1413 – Intro to Blueprint Rdg for Welders	WLDG 2447 – Adv Gas Metal Arc Wldg GMAW
WLDG 1407 – Intro to Welding Multiple Proc	WLDG 1435 – Intro to Pipe Welding
WLDG 2413 – Interm Welding Multiple Proc	WLDG 1427 – Welding Codes & Standards
SUMMER	
WLDG 2352 – Adv Flux Cored Arc Welding	
TECM 1301 – Industrial Mathematics	

Second Year – NCTC

It is best to apply to [Tarleton State University](http://www.tarleton.edu) 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
DFTG 1309 – Basic Computer-Aided Drafting	◌HIST 1301 – United States History I*
◌SPCH 1318 – Interpersonal Communication*	◌ARTS 1301 – Art Appreciation
OSHT 1320 – Energy Industrial Safety	◌MATH 1314 – College Algebra*
BMGT 2309 – Leadership	BMGT 1327 – Principles of Management
◌ENGL 1301 – Composition I	WLDG 2380 – Co. Ed.- Welding Technology

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	◌ *Science Core
◌ *Science Core	◌ Social & Behavioral Science
SUMMER	
◌GOVT 2306 Texas Government	

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
◌ *Humanities Core	◌HIST 1302 United States History II
SUMMER	
◌GOVT 2305 Federal Government	

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirement for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

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