



**AAS in Welding to
Bachelor of Applied Arts and Sciences (BAAS)
Technology Concentration
Guided Pathway
2019-2020 Catalog**



First Year – NCTC

FIRST SEMESTER	SECOND SEMESTER
WLDG 1313 – Intro to Blueprint Reading for Welders	WLDG 2447 – Adv Gas Metal Arc Wldg (GMAW)
WLDG 1407 – Intro to Welding Multiple Processes	WLDG 1435 – Intro to Pipe Welding
WLDG 2413 – Intermediate Welding Multiple Processes	TECM 1301 – Industrial Mathematics
WLDG 1427 – Welding Codes & Standards	OSHT 1320 – Energy Industrial Safety
	WLDG 2352 – Advanced Flux Cored Arc Welding ¹

Second Year – NCTC

It is best to apply to Midwestern 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
WLDG 2432 – Welding Automation	BMGT 2309 – Leadership
WLDG 1317 – Introduction to Layout & Fabrication	°MATH 1332 – Contemporary Mathematics*
°ENGL 1301 – Composition I	°SPCH 1311 – Introduction to Speech Communication*
°GOVT 2306 – Texas Government*	°ARTS 1301 – Art Appreciation
	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 – Midwestern State University Bachelor of Applied Arts and Sciences (BAAS)
Technology Concentration**

FIRST SEMESTER	SECOND SEMESTER
Communication II (or ENGL 1302)	POLS 1433 (or GOVT 2305)- American Govt
Any Life & Physical Science Core	Any Life & Physical Science Core
Any Language, Phil, Culture Core	Any Undergraduate Inquiry Core
HIST 1133 History to 1865	HIST 1233 – American History II (HIST 1302)
Any Social Behavioral Science Core	Any Cultural & Global Understanding Core
Computer Science	

**Fourth Year – Midwestern State University Bachelor of Applied Arts and Sciences (BAAS)
Technology Concentration**

FIRST SEMESTER	SECOND SEMESTER
TECH 3103 – Safety Technology	TECH 4103 - Innovation
TECH 3113 – Quality Technology	TECH 4113 – Facilities Design
TECH 3133 – Manufacturing Technology	TECH 4123 – Energy Technology
TECH 3143 – Production Planning	TECH 4133 – Construction Technology
TECH 3153 – Project Planning	BAAS 3113, Internship or Elective Course
TECH 3163 – Supply Technology	BAAS 4113 - Capstone

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

¹ Course offered first year, third semester (summer term)

* 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 requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

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

*For questions about the University portion of this pathway,
Contact the BAAS Office at [940] 397-4400 or email: baas@msutexas.edu.*