



AAS in Welding to
Bachelor of Applied Arts and Sciences (BAAS)
Technology Concentration
Guided Pathway
Effective for the 2020-2021 Catalog

First Year – Central Texas College

FIRST SEMESTER	SECOND SEMESTER
WLDG 1323 Welding Safety Tools and Equipment	WLDG 1457 Intermediate Shielded Metal Arc Welding (SMAW)
WLDG 1425 Introduction to Oxy-Fuel Welding and Cutting	WLDG 2443 Advanced Shielded Metal Arc Welding (SMAW)
WLDG 1428 Introduction to Shielded Metal Arc Welding (SMAW)	WLDG 1313 Introduction to Blueprint Reading for Welders
° MATH 1332 Contemporary Mathematics	° ENGL 1301 Composition I

Second Year – Central Texas College

It's 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 1430 Introduction to Gas Metal Arc (GMAW) Welding	WLDG 2453 Advanced Pipe Welding
WLDG 1434 Introduction to Gas Tungsten Arc (GTAW) Welding	° SPCH 1315 or 1321
WLDG 1435 Introduction to Pipe Welding	WLDG 1312 Introduction to Flux Core Arc Welding (FCAW)
° GOVT 2305 Federal Government	° ELEC Humanities/Fine Arts Selection
	WLDG 2435 Advanced Layout and Fabrication or WLDG 2488 Internship

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)
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FIRST SEMESTER	SECOND SEMESTER
Computer Science	°Life & Physical Science
°Life & Physical Science	°HIST 1233 (1302) U.S. History since 1865
°HIST 1133 (1301) U.S. History from 1865	°Social & Behavioral Science
°POLS 1333 (GOVT 2301)*	°Cultural & Global Understanding
°Creative Arts	°Undergraduate Inquiry

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

Total Semester Hours:18

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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 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.