



**AAS in Industrial Mechanics to  
Bachelor of Applied Arts &  
Sciences  
Guided Pathway  
2017-2018**



**First Year – NCTC**

FIRST SEMESTER	SECOND SEMESTER
<b>DFTG 1309</b> – Basic Computer-Aided Drafting	<b>ELPT 1319</b> – Fundamentals of Electricity I
<b>INMT 1305</b> – Intro to Industrial Maintenance	<b>ELPT 1341</b> – Motor Control
<b>HYDR 1345</b> – Hydraulics and Pneumatics	<b>ELPT 2305</b> – Motors and Transformers
<b>INMT 2303</b> – Pumps, Compress. & Mech Drives	<b>ELPT 2319</b> – Programmable Logic Controllers I
	<b>TECM 1301</b> – Industrial Mathematics
	<b>INMT 2345</b> – Industrial Troubleshooting <sup>1</sup>

**Second Year – NCTC**

It is best to apply to Midwestern State 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
<b>ELPT 1325</b> – National Electrical Code I	<b>INMT 2380</b> – Co. Ed. – Manufacturing Tech.
<sup>c</sup> <b>SPCH 1318</b> – Interpersonal Communication*	<sup>c</sup> <b>MATH 1314</b> – College Algebra
<b>OSHT 1320</b> – Energy Industrial Safety	<sup>c</sup> <b>ARTS 1301</b> – Art Appreciation
<b>BMGT 2309</b> – Leadership	<b>BMGT 1327</b> – Principles of Management
<sup>c</sup> <b>ENGL 1301</b> – Composition I	<sup>c</sup> <b>HIST 1301</b> – United States History I

**AAS: Industrial Mechanics**

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 Online BAAS**

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
POLS 1333 (or GOVT 2306)- American Texas Govt	HIST 1233 – American History II
Any Social & Behavioral Science	Any Cultural & Global Understanding Core

**Fourth Year – Midwestern State University Online BAAS**

FIRST SEMESTER	SECOND SEMESTER
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	BAAS 4113, Capstone Project

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

<sup>1</sup> 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.

<sup>c</sup> 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 guided pathway,  
Contact the Academic Advising Office at [baas@mwsu.edu](mailto:baas@mwsu.edu).*