



**AAS in Industrial Maintenance to
Bachelor of Applied Arts & Sciences
Technology Concentration
Effective for the 2019-2020 Catalog**



First Year - Hill College

FIRST SEMESTER 18 Hours	SECOND SEMESTER 16 Hours
INMT 1305 Introduction to Industrial Maintenance	BCIS 1305 Business Computer Applications ^{090*}
ELPT 1311 Basic Electrical Theory	INMT 1319 Manufacturing Processes
WLDG 1421 Welding Fundamentals	MCHN 1320 Precision Tools and Measurement
MCHN 1302 Print Reading for Machining Trades	MCHN 1438 Basic Machine Shop I
MCHN 1343 Machine Shop Mathematics	ELMT 1305 Basic Fluid Power
POFT 1220 Job Search Skills	

Second Year - Hill College

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 – 14 Hours	SECOND SEMESTER – 12 Hours
ELPT 2419 Programmable Logic Controllers I	INMT 2380 Co-Op Education, Manufacturing Technology
ELPT 2405 Motors and Transformers	ELPT 1325 National Electric Code or MCHN 2303 Fundamentals CNC Machine Controls
C Social and Behavioral Sciences ^{080*}	C ENGL 1301 Composition I ⁰¹⁰
C Mathematics ^{020*}	C Language, Philosophy and Culture ^{040*}

AAS: Industrial Maintenance

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 & Sciences
Technology Concentration**

FIRST SEMESTER	SECOND SEMESTER
ENGL 1153 (1302) Academic Writing & Lit	C Creative Arts
C Life & Physical Science	C Life & Physical Science
HIST 1133 (1301) U.S. History from 1865	HIST 1233 (1302) U.S. History since 1865
POLS 1333 (GOVT 2306)*	POLS 1433 (GOVT 2305)*
C Undergraduate Inquiry	C Cultural & Global Understanding

**Fourth Year - Midwestern State University-Bachelor of Applied Arts & Sciences
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.

*You may take a different course to meet this requirement. A specific list is available from your advisor.

CThis 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).

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