



Industrial Technology
Associate of Applied Science Degree
Midwestern State University
Bachelor of Applied Arts and Sciences Degree
Technology Concentration
Guided Pathway
2020-2021



First Year – Cisco College

FIRST SEMESTER	SECOND SEMESTER
DFTG 1409 Basic Comp Aided Drafting	CETT 1402 Electricity Principles
PFPB 1421 Plumbing Maint & Repair	BMGT 1482 Co-op Ed: Industrial Tech
ENGL 1301 Composition I ^c	BCIS 1305 Business Computer App.
ELPT 2419 Programmable Logic Controls I	GOVT 2306 or SOCI 1301 ^c
	HART 1407 Refrigeration Principles

Second Year – Cisco College

BMGT 1483 Co-op Ed: Industrial Tech	HART 2441 Commercial Air Conditioning
HYDR 1345 Hydraulics & Pneumatics	SEST 1341 Boiler Operations
IEIR 1410 Motor Controls	Language, Philosophy, & Culture or Creative Arts
MATH 1314 College Algebra ^c or MATH 1342 Contemporary Math ^c	CETT 1402 Electricity Principles

AAS: Industrial Technology

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 Degree
Technology Concentration

FIRST SEMESTER	SECOND SEMESTER
Communication 010B Core (or Speech Core)	Creative Arts Core
Life & Physical Science Core	Life & Physical Science Core
Soc & Behavioral Sciences Core	POLS 1333 or 1433 Core
Cultural Global Understanding Core	Undergraduate Inquiry & Creativity Core
HIST 1133 Core	HIST 1233 Core

Fourth Year – Midwestern State University - Bachelor of Applied Arts and Sciences Degree
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.

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.

^c 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

For questions about the University portion of this guided pathway,
Contact the BAAS Advising Office baas@msutexas.edu at 940 397-4400