



**Associate of Applied Science in
Heating, Ventilation and Air Conditioning to
Bachelor of Applied Arts & Sciences (BAAS)
Technology Concentration
Guided Pathway
2019-2020 Catalog**



First Year (NCTC)

FIRST SEMESTER	SECOND SEMESTER
HART 1307 – Refrigeration Principles	HART 2345 – Residential AC Systems Design
HART 1301 – Basic Electricity for HVAC	HART 2358 – Test, Adj., & Balancing HVAC Sys
HART 1356 – EPA Recovery Certification	HART 2342 – Commercial Refrigeration
HART 1341 – Residential Air Conditioning	HART 2349 – Heat Pumps
HART 2341 – Commercial Air Conditioning	HART 2301 – Air Conditioning and Refrigeration Codes

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
TECM 1301 – Industrial Mathematics	HART 2334 – Advanced Air Conditioning Controls
OSHT 1320 – Energy Industrial Safety	MATH 1332 – Contemporary Mathematics
ELPT 2305 – Motors and Transformers	SPCH 1318 – Interpersonal Communication*
ENGL 1301 –Composition I	ARTS 1301 – Art Appreciation
GOVT 2306 – Texas Government	HART 2380 – Cooperative Education

AAS: Heating, Ventilation and Air Conditioning

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 (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 Cultural & Global Understanding Core
HIST 1133 – American History I	Any Undergraduate Inquiry Core
Computer Science	Any Social & Behavioral Science Core
	HIST 1233- Amer Hist past 1865

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

c 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.