



AAS in Heating, Air Conditioning & Refrigeration Mechanic & Repairer 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
HART 1407 Refrigeration Principles	HART 1403 Air Conditioning Control Principles
HART 1401 Basic Electricity for HVAC	HART 1341 Residential Air Conditioning
HART 1445 Gas & Electric Heating	^c ENGL 1301 Composition I
^c MATH 1332 Contemporary Mathematics	^c GOVT 2305 Federal Government

Total Semester Hours: 15

Total Semester Hours: 13

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
HART 2449 Heat Pumps	HART 2436 Air Conditioning Troubleshooting
HART 2438 Air Conditioning Installation & Startup	HART 2431 Advanced Electricity for HVAC
HART 2341 Commercial Air Conditioning	^c SPCH 1315 or 1321
HART 2342 Commercial Refrigeration	HART 2445 Residential Air Conditioning System Design OR HART 2488 Internship
^c Humanities/Fine Arts Selection*	

Total Semester Hours: 17

Total Semester Hours: 15

AAS: Heating, Air Conditioning & Refrigeration Mechanic & Repairer

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)
 Technology Concentration**

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

Total Semester Hours: 15

Total Semester Hours: 15

**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

Total Semester Hours: 18

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 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.*