



AAS.Heating, Air Conditioning and Refrigeration Technology – Commercial HVAC/R Technician to
Bachelor of Applied Arts & Sciences Degree Technology Concentration
Guided Pathway
2019-2020 Catalog

First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
HART 1401 - Basic Elect Heating, Vent & Air Cond	HART 1441 - Residential Air Conditioning
HART 1407 - Refrigeration Principles	HART 2431 - Adv Electr Heat, Vent and Air Cond (HVAC)
HART 2445 - Residential Air Cond Systems Design	ENGL 1301(010) - Composition I ^C
MATH 1332 (020) - Contemporary Mathematics ^{C*}	KINE 1164(090) - Introduction to Physical Fitness & Wellness ^C
	SPCH 1321(010) - Business and Professional Comm ^{C*}

Second Year – Tarrant County College District

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
GOVT 2305(070) - Federal Government ^{C*}	HART 2443 - Industrial Air Conditioning
HART 1403 - Air Conditioning Control Principles	HART 1400 - HVAC Duct Fabrication
HART 2441 - Commercial Air Conditioning	HART 2434 - Advanced Air Conditioning Controls *
HART 2402 - Commercial Air Conditioning Syst Design*	ARTS 1301(050) – Art Appreciation ^{C*}

AAS: Heating, Air Conditioning and Refrigeration Technology - Commercial HVAC/R Technician
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 Technology Concentration
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FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1153 (1302) Academic Writing & Lit	^C Life & Physical Science
^C Life & Physical Science	^C HIST 1233 (1302) U.S. History since 1865
^C Language, Philosophy & Culture	^C POLS 1333 (GOVT 2306)*
^C HIST 1133 (1301) U.S. History from 1865	^C Cultural & Global Understanding
^C Social & Behavioral Science	^C Undergraduate Inquiry
Computer Science	

Fourth Year - Midwestern State University Technology Concentration
Guided Pathway

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 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.*