



AAS - Heating Ventilation Air Conditioning (HVAC) to
Bachelor of Applied Arts & Sciences Degree
Technology Concentration
Guided Pathway
Effective for the 2019-2020 Catalog
First Year – Collin College



FIRST SEMESTER	SECOND SEMESTER
° ENGL 1301 - Composition I	HART 1441 - Residential Air Conditioning
HART 1256 - EPA Recovery Certification Preparation	HART 1445 - Gas and Electric Heating
HART 1301 - Basic Electricity for HVAC	HART 2449 - Heat Pumps
HART 1307 - Refrigeration Principles	° SPCH 1321 - Business Professional Communication (090)*
HART 1403 - Air Conditioning Control Principles	

Second Year – Collin 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 2436 - Air Conditioning Troubleshooting	° ECON 1301 - Introduction to Economics ¹
HART 2438 - Air Conditioning Installation and Startup	HART 2268 - Practicum - Heating, Air Conditioning and Refrigeration Technology/Technician (Capstone)
HART 2442 - Commercial Refrigeration	HART 2345 - Residential Air Conditioning Systems Design
° MATH 1332 – Contemporary Mathematics (Quantitative Reasoning)* (020)	HART 2431 - Advanced Electricity for HVAC
	° HUMA 1301 – Introduction to Humanities I* (040)

AAS: Heating Ventilation Air Conditioning (HVAC)

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 Degree
Technology Concentration**

FIRST SEMESTER	SECOND SEMESTER
° ENGL 1153 (1302) Academic Writing & Lit	° Creative Arts
° Life & Physical Science	° 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)*
° Undergraduate Inquiry	° Cultural & Global Understanding
Computer Science	

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

° 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](http://www.msutexas.edu).

NOTE:

1. May substitute ECON 2301, ECON 2302, or PSYC 2301

***Collin Options:**

Mathematics/Life & Physical Sciences – MATH 1314, 1414, 1316, 1342, 2305, 2318, 2320, 2412, 2413, 2414, 2415, 1324, 1325, 1332, 1350, 1351, BIOL 1406, 1407, 1414, 1415, 2401, 2402, 2406, 2416, 2421, 1408, 1409, 2404, 2420, CHEM 1411, 1412, 2423, 2425, 1405, GEOL, 1401, ENVR 1401, 1402, GEOL 1403, 1404, PHYS 1401, 1402, 2425, 2426, 1402, 1445, 1447, 1403, 1404, 1405, 1410, 1415, 1417

Humanities/Fine Arts - choose one from: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321, ARTS 1301, 1303, 1304, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUSI 1306, 1307, 1310

Social and Behavioral Sciences – choose one from: ANTH 2302, 2346, 2351, ECON 2301, 2302, PSYC 2301, SOCI 1301, 1306, GOVT 2305, 2306, HIST 1301, 1302, 2301

Speech – choose one from: SPCH 1311, 1315, 1321

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