



**AAS HVAC Technology to Online  
Bachelor of Applied Arts & Sciences  
Technology Concentration  
Guided Pathway  
2019-2020 Catalog**



**First Year - Hill College**

<b>FIRST SEMESTER – 17 Hours</b>	<b>SECOND SEMESTER – 18 Hours</b>
<b>HART 1301</b> Basic Electricity for HVAC	<b>HART 1445</b> Gas and Electric Heating
<b>HART 1403</b> Air Conditioning Control Principles	<b>HART 2334</b> Advanced Air Conditioning Controls
<b>HART 1407</b> Refrigeration Principles	<b>HART 2438</b> Air Conditioning Installation and Startup
<b>HART 1441</b> Residential Air Conditioning	<b>HART 2445</b> Residential Air Conditioning Systems Design
<b>POFT 1220</b> Job Search Skills	<b>BCIS 1305</b> Business Computer Applications

**Second Year – Hill 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.

<b>FIRST SEMESTER – 13 Hours</b>	<b>SECOND SEMESTER – 12 Hours</b>
<b>HART 2458</b> Testing, Adjusting, and Balancing HVAC Systems	<b>HART 2368</b> Practicum- HVAC
<b>HART 2331</b> Advanced Electricity for HVAC	<b>HART 2336</b> Air Conditioning Troubleshooting
<sup>c</sup> * <b>ELECTIVE</b> Social and Behavioral Sciences	<sup>c</sup> <b>ENGL 1301</b> Composition I
<sup>c</sup> * <b>MATH</b> College Level Mathematics Elective	<sup>c</sup> * <b>ELECTIVE</b> Language, Philosophy and Culture or Creative Arts Core

**AAS: HVAC 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 & Sciences  
Technology Concentration**

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
<sup>c</sup> <b>ENGL 1153 (1302)</b> Academic Writing & Lit	<sup>c</sup> Creative Arts
<sup>c</sup> Life & Physical Science	<sup>c</sup> Life & Physical Science
<sup>c</sup> <b>HIST 1133 (1301)</b> U.S. History from 1865	<sup>c</sup> <b>HIST 1233 (1302)</b> U.S. History since 1865
<sup>c</sup> <b>POLS 1333 (GOVT 2306)*</b>	<sup>c</sup> <b>POLS 1433 (GOVT 2305)*</b>
<sup>c</sup> Cultural & Global Understanding	<sup>c</sup> Undergraduate Inquiry

**Fourth Year - Midwestern State University Bachelor of Applied Arts & Sciences  
Technology Concentration**

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
<b>TECH 3103</b> – Safety Technology	<b>TECH 4103</b> - Innovation
<b>TECH 3113</b> – Quality Technology	<b>TECH 4113</b> – Facilities Design
<b>TECH 3133</b> – Manufacturing Technology	<b>TECH 4123</b> – Energy Technology
<b>TECH 3143</b> – Production Planning	<b>TECH 4133</b> – Construction Technology
<b>TECH 3153</b> – Project Planning	<b>BAAS 3113</b> , Internship or Elective Course
<b>TECH 3163</b> – Supply Technology	<b>BAAS 4113</b> - 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.

<sup>c</sup> This course counts for the Core Curriculum at any public college or university in Texas.

(<sup>i</sup>) 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](mailto:baas@msutexas.edu)