



**AAS HVAC Technology to  
BAAS in Manufacturing and Industrial Management  
Guided Pathway  
Effective for the 2020-2021 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 Tarleton State 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 – Tarleton State University**

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
ENGT 3303 Industrial Materials	ENGT 4336 Production Planning
<sup>c</sup> MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
<sup>c</sup> ENGL 1302 – Composition II	<sup>c</sup> *Science Core
<sup>c</sup> *Science Core	<sup>c</sup> *Visual & Performing Arts
<b>SUMMER</b>	
<sup>c</sup> GOVT 2306 Texas Government	

**Fourth Year - Tarleton State University**

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
ENGT 4346 Manufacturing Management	ENGT 4376 Automated Manufacturing Systems
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
<sup>c</sup> HIST1301 United States History I	<sup>c</sup> HIST 1302 United States History II
<b>SUMMER</b>	
<sup>c</sup> GOVT 2305 Federal Government	

**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.