



**AAS HVAC Technology to
BAAS in Manufacturing and Industrial Management
Industrial Management Concentration ^T
Guided Pathway
Effective for the 2020-2021 Catalog**



First Year - Hill College

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

Second Year – Hill College

It's best to apply to Tarleton State a full semester before you plan to transfer.

FIRST SEMESTER – 13 Hours	SECOND SEMESTER – 12 Hours
HART 2458 Testing, Adjusting, and Balancing HVAC Systems	HART 2368 Practicum- HVAC
HART 2331 Advanced Electricity for HVAC	HART 2336 Air Conditioning Troubleshooting
^C *ELECTIVE Social and Behavioral Sciences	^C ENGL 1301 Composition I
^C *MATH College Level Mathematics Elective	^C *ELECTIVE Language, Philosophy and Culture
Total Semester Hours: 13	Total Semester Hours: 12

AAS: HVAC Technology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be taken at Hill College (if offered) or TSU	
MATH 1316 Plane Trigonometry OR MATH 1342 Statistics	^{*C} Life & Physical Science Core Elective
^C ENGL 1302 – Composition II	^{*C} Creative Arts Core Elective
^{*C} Life & Physical Science Core Elective	^C GOVT 2306 Texas Government
^{*C} Communication Core Elective	^C GOVT 2305 Federal Government
^C HIST1301 United States History I	^C HIST 1302 United States History II
Total Semester Hours: 16	Total Semester Hours: 16

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
Advanced Elective Course	Advanced Elective Course
Total Semester Hours: 12	Total Semester Hours: 12

Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 4346 Manufacturing Management
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
ENGT 4347 Metrics and Measurement (Fall Only)

Total Semester Hours: 15

Total: 131

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.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.