



Air Conditioning AAS to
BAAS in Manufacturing and Industrial Management
General Concentration ^T
Guided Pathway
Effective for the 2019-2020 Catalog



First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
COSC 1301 - Introduction to Computing	HART 1341 - Residential Air Conditioning
HART 1301 - Basic Electricity for HVAC	HART 1345 - Gas and Electric Heating
HART 1307 - Refrigeration Principles	HART 2341 - Commercial Air Conditioning
HART 1310 - HVAC Shop Practices and Tools	HART 2349 - Heat Pumps
HART 1356 - EPA Recovery Certification Preparation	^C SPCH 1321 - Business & Professional Communication
Total Semester Hours: 15	Total Semester Hours: 15

Second Year – Paris Junior College

It is best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
^C GOVT 2305 - Federal Government	^C COMM 1307 - Introduction to Mass Communication (040)
HART 1331 - Advanced Electricity for HVAC	^C ENGL 1301 - Composition I
HART 2336 - Air Conditioning Troubleshooting	HART 2334 - Advanced Air Conditioning Controls
HART 2338 - Air Conditioning Installation & Startup	HART 2343 - Industrial Air Conditioning
HART 2345 - Residential Air Conditioning Systems Design	^C MATH 1332 - Contemporary Mathematics
Total Semester Hours: 15	Total Semester Hours: 15

AAS: Air Conditioning

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 Paris Junior College (if offered) or TSU-Stephenville Campus

^C ENGL 1302 Composition II	^C *Life and Physical Science Core Elective (4 credits)
^C *Life and Physical Science Core Elective (4 credits)	^C *Any Core Elective (1 credit minimum)
MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics	^C GOVT 2306 Texas Government
^{*C} Social and Behavioral Science Core Elective	^C HIST1301 United States History I
^{*C} Creative Arts Core Elective	^C HIST 1302 United States History II
Total Semester Hours: 16	Total Semester Hours: 14

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	Advanced ENGT Course
Advanced ENGT Course	ENGT 3395 Project Management
Advanced ENGT Course	Advanced ENGT Course
Advanced Elective Course	Advanced ENGT Course
Total Semester Hours: 12	Total Semester Hours: 12

Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course

Total Semester Hours: 15

Total Degree Hours: 129

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.

For questions about the University portion of this guided pathway,
Contact the Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu.