



Air Conditioning AAS to  
**Bachelor of Applied Arts and Sciences**  
**Manufacturing and Industrial Management**  
**General Concentration**  
**Guided Pathway**  
 Effective for the 2018-2019 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	SPCH 1321 - Business and Professional Communication

Total Semester Hours: 15

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### 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
GOVT 2305 - Federal Government	COMM 1307 - Introduction to Mass Communication
HART 1331 - Advanced Electricity for HVAC	ENGL 1301 - Composition I
HART 2336 - Air Conditioning Troubleshooting	HART 2334 - Advanced Air Conditioning Controls
HART 2338 - Air Conditioning Installation and Startup	HART 2343 - Industrial Air Conditioning
HART 2345 - Residential Air Conditioning Systems Design	MATH 1332 - Contemporary Mathematics

Total Semester Hours: 15

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### AAS: Air Conditioning

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

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	Advanced ENGT Course
Advanced ENGT Course	ENGT 3395 Project Management
Advanced ENGT Course	MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistics
<sup>C</sup> *Any Core Elective	Advanced ENGT Course
<sup>C</sup> *Life and Physical Science Core Elective	<sup>C</sup> *Life and Physical Science Core Elective
SUMMER	
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> GOVT 2306 Texas Government
<sup>C</sup> *Language, Philosophy & Culture Core Elective	<sup>C</sup> HIST 1301 United States History I

### Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3375 Continuous Improvement	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	<sup>C</sup> HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
<sup>C</sup> *Social & Behavioral Science Core Elective	<sup>C</sup> Creative Arts Core Elective

**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.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

For questions about the university portion of this pathway,  
 Contact the Department of Engineering Technology at 254-968-9014 or [engineering.technology@tarleton.edu](mailto:engineering.technology@tarleton.edu).