



AAS in Heating, Air Conditioning and Refrigeration Technology to

Bachelor of Applied Arts and Sciences in
Manufacturing and Industrial Management
General Without Certification Concentration ^T



Guided Pathway 2019-2020 Catalog

First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
HART 1400 – HVAC Duct Fabrication	HART 1403 – Air Conditioning Control Principles
HART 1401 – Basic Electricity for HVAC	HART 1441 – Residential Air Conditioning
HART 1407 – Refrigeration Principles	HART 1445 – Gas and Electric Heating
^C ENGL 1301 – Composition I (010)	^C MATH 1314 – College Algebra * (020)
Total semester hours: 15	Total semester hours: 15

Second Year – Tyler Junior College

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

FIRST SEMESTER	SECOND SEMESTER
HART 2442 – Commercial Refrigeration	HART 2336 – Air Conditioning Troubleshooting
HART 2438 – Air Conditioning Installation & Startup	HART 2349 – Heat Pumps
HART 2445 – Res. Air Conditioning Systems Design	HART 2357 – Specialized Commercial Refrigeration
^C xxxx x3xx- Government/Political Science Core* (070)	^C SPCH 1321 – Business & Prof. Communication (010)
Total semester hours: 15	^C PHIL 2306 – Introduction to Ethics (040) Total semester hours: 15

AAS: Heating, Air Conditioning and Refrigeration 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 Tyler Junior College or TSU

^{C*} Creative Arts Core Elective	^C ENGL 1302 – Composition II
^{C*} Life and Physical Science Core Elective	^{C*} Life and Physical Science Core Elective
^C HIST 1301 – United States History I	^C HIST1302 – United States History II
^{C*} Component Area Option	^{C*} Social and Behavioral Science Core Elective
^C GOVT 2306 – Texas Government	MATH 1316 – Plane Trigonometry or MATH 1342 – Elementary Statistical Methods
Total Semester Hours: 16	Total Semester Hours: 16

Third Year – Tarleton State University

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

Fourth Year – Tarleton State University

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

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

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