

AAS in Heating, Air Conditioning and Refrigeration Technology
 Commercial HVAC/R Technician to
 Bachelor of Applied Arts and Sciences in
 Manufacturing and Industrial Management
 Safety Management Concentration[†]
Guided Pathway
 2019-2020 Catalog



First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
HART 1401 - Basic Elect Heating, Vent & Air Cond	HART 1441 - Residential Air Conditioning
HART 1407 - Refrigeration Principles	HART 2431 - Adv Electr Heat, Vent and Air Cond (HVAC)
HART 2445 - Residential Air Cond Systems Design	ENGL 1301 (010) - Composition I ^C
MATH 1332 (020) - Contemporary Mathematics ^{C*}	KINE 1164 (090) - Introduction to Physical Fitness & Wellness ^C
	SPCH 1321 (010) - Business and Professional Comm ^{C*}

Total Semester Hours: 15

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Second Year – Tarrant County College District

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

FIRST SEMESTER	SECOND SEMESTER
GOVT 2305 (070) - Federal Government ^C	HART 2443 - Industrial Air Conditioning
HART 1403 - Air Conditioning Control Principles	HART 1400 - HVAC Duct Fabrication
HART 2441 - Commercial Air Conditioning	HART 2434 - Advanced Air Conditioning Controls [*]
HART 2402 - Commercial Air Conditioning Syst Design [*]	ARTS 1301 (050) – Art Appreciation ^{C*}

Total Semester Hours: 15

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AAS: Heating, Air Conditioning and Refrigeration Technology - Commercial HVAC/R Technician

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 completed at TCC (if offered) or TSU-Stephenville Campus

^{C*} Life and Physical Science Core Elective (4 credits) (030)	^{C*} Life and Physical Science Core Elective (4 credits) (030)
^C HIST 1301 – United States History I	^C HIST1302 – United States History II
^C GOVT 2306 – Texas Government	^{C*} Language, Philosophy and Culture Core Elective (040)
MATH 1316 – Plane Trigonometry or MATH 1342 – Elementary Statistical Methods	^C ENGL 1302 – Composition II
	^{C*} Social and Behavioral Science Core Elective (080)

Total Semester Hours: 13

Total Semester Hours: 16

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced ENGT Elective	ENGT 4320 Occupational Safety and Health
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
ENGT 3326 Ergonomics and Work Methods (Spring Only)	ENGT 3360 Safety Management
ENGT 3320 Industrial Safety	Advanced ENGT Elective

Total Semester Hours: 12

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Fourth Year – Tarleton State University

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

Total Semester Hours: 15

Total Degree Hours: 128

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.

[†] Degree availability varies by campus; consult www.tarleton.edu for more information.