



AAS – Air Conditioning Applied Technology to
**Bachelor in Applied Arts and Sciences, Manufacturing
and Industrial Management**
Safety Concentration
Guided Pathway
Effective for the 2018-2019 Catalog



First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
HART 1401 Basic Electricity for HVAC	HART 1403 A/C Control Principles
HART 1407 Refrigeration Principles	HART 1441 Residential Air Cond
MAIR 1449 Refrigerators, Freezers, Window A/C	HART 1445 Gas and Electric Heating
^C SPCH 1311 Introduction to Speech Communications*	^C PHYS 1305 Introductory Physics I*

Total Semester Hours: 15

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Second Year – Del Mar College

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

FIRST SEMESTER	SECOND SEMESTER
HART 2338 A/C Installation & Startup	HART 2341 Commercial Air Conditioning
HART 2345 Residential A/C Systems Design	HART 2342 Commercial Refrigeration
MAIR 1341 Domestic Cooking Equipment	HART 2349 Heat Pumps
MAIR 1345 Dyers, Washers, Dishwashers	^C ENGL 1301 Composition I
^C ARCH 1301 Architectural History I*	^C HIST 1301 United States History*

Total Semester Hours: 15

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AAS: Air Conditioning Applied Technology

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	ENGT 4320 Occupational Safety and Health
ENGT 3320 Industrial Safety	ENGT 3395 Project Management
^C *Mathematics Core Elective	ENGT 3326 Ergonomics and Work Methods (Spring Only)
^C GOVT 2306 Texas Government	ENGT 3360 Safety Management
^C *Life and Physical Science Core Elective	MATH 1316 Plane Trigonometry <u>OR</u> MATH 1342 Elementary Statistics
SUMMER	
^C ENGL 1302 Composition II	^C *Life and Physical Science Core Elective

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	^C HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
^{*C} Language, Philosophy & Culture Core Elective	^C GOVT 2305 Federal Government
SUMMER	
^C *Social & Behavioral Science 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.

^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.

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