



AAS – Air Conditioning Applied Technology to  
**Bachelor in Applied Arts and Sciences, Manufacturing  
and Industrial Management**  
**Industrial Management 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
<sup>C</sup> SPCH 1311 Introduction to Speech Communications*	<sup>C</sup> 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	<sup>C</sup> ENGL 1301 Composition I
<sup>C</sup> ARCH 1301 Architectural History I*	<sup>C</sup> 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 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	MATH 1316 Plane Trigonometry <u>OR</u> MATH 1342 Elementary Statistics
<sup>C</sup> *Life and Physical Science Core Elective	ENGT 4346 Manufacturing Management
<sup>C</sup> *Mathematics Core Elective	<sup>C</sup> *Life and Physical Science Core Elective
SUMMER	
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> *Language, Philosophy & Culture Core Elective
<sup>C</sup> GOVT 2306 Texas Government	

### Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)	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 and Behavioral Core Elective	<sup>C</sup> GOVT 2305 Federal Government

**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.