

**Heat, Ventilation, and Air Conditioning to  
BAAS in Manufacturing and Industrial Management**



**General Concentration  
Guided Pathway**



**Effective for the 2018-2019 Catalog**

**First Year – Vernon College**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> ENGL 1301 Composition I	HART 1401 Basic Electricity for HVAC or CETT 1402 Electricity Principles
<sup>c</sup> GOVT 2305 Federal Government	<sup>c</sup> SPCH 1315 Public Speaking
HART 1403 Air Conditioning Control Principles	<sup>c</sup> MATH 1342 Elem Statistical Methods (TSU requires)
<sup>c</sup> XXXX X3XX Language,Philosophy & Culture Elective (040)	HART 1407 Refrigeration Principles
XXXX X3XX Elective	THIRD SEMESTER
	HART 2449 Heat Pumps

**Second Year – Vernon College**

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

FIRST SEMESTER	SECOND SEMESTER
HART 2434 Advanced A/C Controls	HART 1445 Gas and Electric Heating
HART 2441 Commercial Air Conditioning	HART 2436 Air Conditioning Troubleshooting or HART 2468 Practicum (or Field Experience)- Heating, Air Conditioning, & Refrigeration Technology/Technician
XXXX X3XX Elective	XXXX X3XX Elective
	HART 1441 Residential Air Conditioning

**AAS: Heat, Ventilation, and 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 and Reporting For Technologists	Advanced ENGT Course
<sup>c</sup> HIST1301 United States History I (060)	ENGT 3395 Project Management
Advanced ENGT Course	Advanced ENGT Course
<sup>c</sup> ENGL 1302 – Composition II (010)	<sup>c</sup> *Visual & Performing Arts (050)
<sup>c</sup> *Life and Physical Science Core (030)	
THIRD SEMESTER	
<sup>c</sup> Social and Behavioral Sciences (080)	<sup>c</sup> *Institutional Option (090)

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
Advanced ENGT Course	ENGT 3375 Continuous Improvement
Advanced ENGT Course	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	Advanced Elective Course
<sup>c</sup> *Life and Physical Science Core (030)	<sup>c</sup> HIST 1302 United States History II (060)
<sup>c</sup> *Math Core Elective (020)	THIRD SEMESTER
	<sup>c</sup> GOVT 2306 Texas Government (070)

**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.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.

For questions about the University portion of this guided pathway,  
Contact the Engineering Technology Department at (254)968-9010 or [Engineering.Technology@tarleton.edu](mailto:Engineering.Technology@tarleton.edu).