

**Heat, Ventilation, and Air Conditioning to  
BAAS in Manufacturing and Industrial Management  
Guided Pathway  
Effective for the 2017-2018 Catalog**

**First Year – Vernon College**

FIRST SEMESTER	SECOND SEMESTER
◌ENGL 1301 Composition I	HART 1401 Basic Electricity for HVAC or CETT 1402 Electricity Principles
◌GOVT 2305 Federal Government	◌SPCH 1315 Public Speaking
HART 1403 Air Conditioning Control Principles	◌MATH 1314 College Algebra or MATH 1332 Contemporary Mathematics
◌XXXX X3XX Humanities/Fine Arts Elective	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. It will help if you submit a copy of this pathway with your application.

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 3303 Industrial Materials	ENGT 4336 Production Planning
◌MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
◌ENGL 1302 – Composition II (090)	◌*Visual & Performing Arts (050)
◌*Science Core (030)	
THIRD SEMESTER	
	◌Social and Behavioral Sciences (080)

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 3375 Continuous Improvement
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
◌*Science Core (030)	◌HIST 1302 United States History II (060)
◌HIST1301 United States History I (060)	THIRD SEMESTER
	◌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.

◌ 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 guided pathway,*

Contact the Engineering Technology Department at (254)968-9010 or [Engineering.Technology@tarleton.edu](mailto:Engineering.Technology@tarleton.edu).