



**Heat, Ventilation, and Air Conditioning to
BAAS in Manufacturing and Industrial Management
Industrial Management Concentration
Guided Pathway
Effective for the 2018-2019 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 HART 1403 Air Conditioning Control Principles	Ⓒ SPCH 1315 Public Speaking Ⓒ MATH 1342 Elem Statistical Methods (TSU requires)
Ⓒ XXXX X3XX Language, Philosophy & Culture Elective (040) XXXX X3XX Elective	HART 1407 Refrigeration Principles
	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 2441 Commercial Air Conditioning	HART 1445 Gas and Electric Heating 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 & Reporting for Technologists	ENGT 4336 Production Planning
ENGT 4347 Metrics & Measurements (Fall Only)	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Elective Course
Ⓒ ENGL 1302 – Composition II (090)	Ⓒ *Creative Arts Elective Course (050)
Ⓒ *Life and Physical Science Elective Course (030)	Ⓒ HIST1302 United States History II (060)
SUMMER SEMESTER	
Ⓒ Social and Behavioral Sciences (080)	*Ⓒ Institutional Option (090)
Ⓒ MATH Elective Course * (020)	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 3375 Continuous Improvement
Advanced ENGT Elective Course	Ⓒ GOVT 2306 Texas Government (070)
Advanced Elective Course	Advanced Elective Course
Advanced Elective Course	Advanced Elective Course
Ⓒ *Life and Physical Science Elective Course (030)	Ⓒ HIST 1301 United States History I (060)

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.

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.