



**Associate of Applied Science  
In Heating, Ventilation and Air Conditioning to  
Bachelor of Applied Arts & Sciences  
Guided Pathway  
2018-2019 Catalog  
First Year - NCTC**



FIRST SEMESTER	SECOND SEMESTER
<b>HART 1307</b> – Refrigeration Principles	<b>HART 2445</b> – Residential AC Systems Design
<b>HART 1301</b> – Basic Electricity for HVAC	<b>HART 2358</b> – Test, Adj., & Balancing HVAC Sys
<b>HART 1256</b> – EPA Recovery Certification	<b>HART 2342</b> – Commercial Refrigeration
<b>HART 1341</b> – Residential Air Conditioning	<b>HART 2301</b> – AC and Refrigeration Codes
<b>RBPT 1300</b> – Fund of Residential Bldg Science	<b>TECM 1301</b> – Industrial Mathematics <sup>1</sup>

**Second Year – NCTC**

It is best to apply to Texas A&M University-Commerce 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
<b>DFTG 1309</b> – Basic Computer-Aided Drafting	<b>BMGT 1327</b> – Principles of Management
<b>OSHT 1320</b> – Energy Industrial Safety	<b>C MATH 1314</b> – College Algebra*
<b>BMGT 2309</b> – Leadership	<b>C SPCH 1318</b> – Interpersonal Communication*
<b>C ENGL 1301</b> –Composition I	<b>C ARTS 1301</b> – Art Appreciation
<b>C HIST 1301</b> – United States History I	<b>HART 2380</b> – Cooperative Education

**AAS: Heating, 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 - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
<b>C ENG 1302</b> - GLB/US-Written Argument/Research	<b>C HIST 1302</b> - U.S. History from 1865
<b>C PSCI 2301</b> - Principles of US and Texas Government <sup>2</sup>	<b>C ANY LIFE &amp; PHYSICAL SCIENCE CORE</b>
<b>C ANY SOCIAL &amp; BEHAVIORAL SCIENCE CORE</b>	<b>C PSCI 2302</b> - US/TX Government; Institutions & Policies <sup>2</sup>
<b>C ANY LIFE &amp; PHYSICAL SCIENCE CORE</b>	<b>C ANY DEGREE PATHWAY OPTION (090)</b>
<b>C ANY LITERATURE, PHILOSOPHY, &amp; CULTURE CORE</b>	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

**Fourth Year - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	Upper Level Elective
BAAS 351 Financial Tools for Mgrs (Pre-Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	TMGT 303 Technical Communications

**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 and does not count toward degree hours.**

\* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

<sup>2</sup>Taking both GOVT courses at NCTC creates a better alignment.

*For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or Misty.Lair@tamuc.edu.*