



# Texarkana College

## McLeod High School Early Enrollment Pathway Plan

### Associate of Applied Science Degree

Major: Air Conditioning/Heating and Refrigeration Technology

Student Name \_\_\_\_\_ TC ID# \_\_\_\_\_

Academic Coach for Dual Credit (AC/DC) \_\_\_\_\_

TSIA2 Eng \_\_\_\_\_ TSIA2 Math \_\_\_\_\_ ACT \_\_\_\_\_ PSAT \_\_\_\_\_ EOC Eng II \_\_\_\_\_ EOC Alg. I + Alg. II C+ \_\_\_\_\_

Advising Dates: \_\_\_\_\_

*Not all high schools bus students to Texarkana College campuses. Check with your high school for more information.*

TC Course	Course Title	Credit Hours	Grade Level Completed	Grade Level Course is Available	Comments/Planning
<b>CORE COURSES – 42 hours</b>					
HART 1401	Basic Electricity for HVAC <sup>12</sup>	4		11,12	
HART 1356	EPA Recovery Certification Preparation <sup>12</sup>	3		11,12	
HART 1410	HVAC Shop Practices and Tools <sup>12</sup>	4		12	
HART 1400	HVAC Duct Fabrication <sup>12</sup>	4		12	
LEAD 1100	Workforce Developmental w/ Critical Thinking <sup>12</sup>	1		Adult	
HART 2338	Air Conditioning Install <sup>12</sup>	3		Adult	
HART 1407	Refrigeration Principles <sup>12</sup>	4		Adult	
HART 1341	Heat Pumps <sup>12</sup>	3		Adult	
HART 2336	Air Conditioning Troubleshooting <sup>12</sup>	3		Adult	
HART 2431	Advanced Electricity for HVAC <sup>12</sup>	4		Adult	
HART 1303	Air Conditioning Control Principles <sup>12</sup>	3		Adult	
HART 1345	Gas & Electric Heating <sup>12</sup>	3		Adult	
HART 2349	Heat Pumps <sup>12</sup>	3		Adult	
<b>TOTAL CORE HOURS</b>		<b>42</b>	<b>(Certificate Earned)</b>		
<b>ADDITIONAL COURSES FOR DEGREE – 18 hours</b>					
ENGL 1301	Composition I <sup>1</sup>	3		12 or *EA	
SPCH 1315	Public Speaking <sup>9</sup>	3		10,11,12 or *EA	
BCIS 1305 <b>OR</b> EDUC/PSYC 1300	Business Computer Applications <sup>9</sup> <b>OR</b> Learning Frameworks	3		9,10,11,12 or *EA	
XXXX x3xx	Social Science Elective <sup>8</sup>	3		9,10,11,12 or *EA	Grade level pending course
XXXX XXXX	College-Level Math or Natural Science Course from Core Curriculum <sup>2</sup>	3		12 or *EA	
XXXX x3xx	Visual/Performing Arts <sup>5</sup>	3		*EA	
<b>TOTAL NON-CORE HOURS</b>		<b>18</b>			
<b>Total Credit Hours</b>		<b>60</b>			

Many courses have pre-requisite or co-requisites and/or TSI requirements that must be met. Check course descriptions in the TC Catalog. Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.

\*Course offered through TC's Early Admission program.

Explanation for Superscripts

1	<b>Communication Block (010):</b> Complete each of the following: ENGL 1301 <b>and</b> ENGL 1302 or 2311	2	<b>Mathematics Block (020):</b> Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413
3	<b>Life &amp; Physical Sciences Block (030):</b> Complete two of the following: BIOL 1306, 1307, 1308, 1309, 1311, 1313, 1322, 2301, 2302, 2306, 2320, 2321; CHEM 1305, 1307, 1311, 1312, 1419; GEOL 1303; PHYS 1301, 1303, 1304, 1315, 2325	4	<b>Language, Philosophy, &amp; Culture Block (040):</b> Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306
5	<b>Creative Arts Block (050):</b> Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306	6	<b>American History Block (060):</b> Complete each of the following: HIST 1301 <b>and</b> 1302
7	<b>Government/Political Science Block (070):</b> Complete each of the following: GOVT 2305 <b>and</b> 2306	8	<b>Social &amp; Behavioral Sciences Block (080):</b> Complete one of the following: COMM 1307; ECON 2301, 2302; GEOG 1303; PSYC 2301, 2308, 2314; SOCI 1301
9	<b>Component Area Option Block (090): 9A: Choose one from the following:</b> SPCH 1315; SPCH 1318; SPCH 1321 <b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), & (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.  <b>AND</b>  <b>9B: Choose one from the following:</b> BCIS 1305; MATH 2413; PSYC/EDUC 1300	10	<b>Lab Science Course</b> Choose a lab science course that corresponds to the Life & Physical Sciences courses you take: BIOL 1106, 1107, 1108, 1109, 1111, 1113, 2101, 2102, 2120, 2121; CHEM 1105, 1107, 1111, 1112; PHYS 1101, 1103, 1104, 1115, 2125
11	<b>Elective Option:</b> Choose any college level course	12	<b>Degree Requirement</b> This course is required for this particular degree

**LEARNING OUTCOMES/MARKETABLE SKILLS**

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Customer Service

**EDUCATIONAL OPPORTUNITIES**

B.A.A.S. Texas A&M - Texarkana

**CAREER OPPORTUNITIES**

HVAC Technician | HVAC Contractor | Maintenance Supervisor | Refrigeration Technician

**HIGH SCHOOL ENDORSEMENTS**

Business & Industry | Multi-Disciplinary

**LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:**

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>