



# Texarkana College

## New Boston 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            |                             | 11,12 or *EA                    |                   |
| SPCH 1315                                       | Public Speaking <sup>9</sup>  | 3            |                             | *EA                             |                   |
| BCIS 1305<br><b>OR</b><br>EDUC/PSYC 1300        | Business Computer Applications <sup>9</sup><br><b>OR</b><br>Learning Frameworks | 3            |                             | *EA                             |                   |
| XXXX x3xx                                       | Social Science Elective <sup>8</sup>  | 3            |                             | 11,12 or *EA                    |                   |
| XXXX XXXX                                       | College-Level Math or Natural Science Course from Core Curriculum <sup>2</sup>  | 3            |                             | 11,12 or *EA                    |                   |
| XXXX x3xx                                       | Visual/Performing Arts <sup>5</sup>   | 3            |                             | 11,12 or *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

|           |  |           |   |
|-----------|--|-----------|---|
| <b>1</b>  | <p><b>Communication Block (010):</b><br/>Complete each of the following: ENGL 1301 <b>and</b> ENGL 1302 or 2311</p>  | <b>2</b>  | <p><b>Mathematics Block (020):</b><br/>Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413</p>  |
| <b>3</b>  | <p><b>Life &amp; Physical Sciences Block (030):</b><br/>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</p>  | <b>4</b>  | <p><b>Language, Philosophy, &amp; Culture Block (040):</b><br/>Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306</p>   |
| <b>5</b>  | <p><b>Creative Arts Block (050):</b><br/>Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306</p>  | <b>6</b>  | <p><b>American History Block (060):</b><br/>Complete each of the following: HIST 1301 <b>and</b> 1302</p>   |
| <b>7</b>  | <p><b>Government/Political Science Block (070):</b><br/>Complete each of the following: GOVT 2305 <b>and</b> 2306</p>  | <b>8</b>  | <p><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</p>  |
| <b>9</b>  | <p><b>Component Area Option Block (090): 9A: Choose one from the following:</b><br/>SPCH 1315; SPCH 1318; SPCH 1321<br/><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>9B: Choose one from the following:</b><br/>BCIS 1305; MATH 2413; PSYC/EDUC 1300</p> | <b>10</b> | <p><b>Lab Science Course</b><br/>Choose a lab science course that corresponds to the Life &amp; 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</p> |
| <b>11</b> | <p><b>Elective Option:</b><br/>Choose any college level course</p>   | <b>12</b> | <p><b>Degree Requirement</b><br/>This course is required for this particular degree</p>   |

**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>