|  |
| --- |
| Student Name (First Last):       Staff Initials:       Date:       |
| Heating & Air Conditioning Refrigeration/Service Technician (HVAC)  |
| Certificate |
| **Admissions Date:** Fall, Winter, Spring, Summer quarters.  |
| **Instructors emails:** richard.barton@cptc.edu, dwight.mcghee@cptc.edu, **or** thomas.bean@cptc.edu**Program Counselor:** taylor.mcgovern@cptc.edu |
| **Prerequisites:** None. |
| **Note:** All courses must be completed with a minimum “C” grade to receive the certificate. Students are required to pass six nationally recognized certification exams during the program.  |
| Required General Education Courses | **Credits** | **Quarter****Taken** |
| COLL 102 College Success for All | 3 |       |
| ENGL& 101 English Composition, **or** CMST& 220 Public Speaking ***(pre-req ENG 094 or equivalent)*** | 5 |       |
| PSYC& 100DIV , **or** SOC& 101DIV , **or** PSY 112DIV ***(pre-req ENG 094 or equivalent)*** | 5 |       |
| Any 100 Level Math Class **or**higher ***(pre-req MAT 092 or equivalent)*** | 5 |       |
| ***Required General Education Courses Total Credits*** | ***18*** |  |
|  |  |  |
| ***\*Indicates a course appropriate for a first-quarter student*** |  |  |
| Technical Program Courses | **Credits** | **Quarter Taken** |
| 1st Quarter |  HAC 102 Basic Electricity\* | 5 |       |
|  HAC 105 Electrical Circuits\* | 4 |       |
|  HAC 120 Advanced Controls and Troubleshooting\* | 4 |       |
|  HAC 162 Electric Motors and their Applications\* | 4 |       |
|  HAC 164 Electric Motor Controls and Troubleshooting Motors\* | 3 |       |
|  HAC 163 Refrigeration Controls\* | 3 |       |
|  HAC 169 Advanced Motor Theory\* | 2 |       |
| 2nd Quarter |  HAC 237 Basic Refrigeration I | 9 |       |
|  HAC 242 Basic Refrigeration I Lab | 5 |       |
|  HAC 246 Basic Refrigeration II | 4 |       |
|  HAC 255CAP Basic Refrigeration II Lab | 3 |       |
|  HAC 230 EPA Refrigerant Recovery Certification | 1 |       |
| 3rd Quarter |  HAC 170 Heating I4 | 7 |       |
|  HAC 175 Heating I Lab | 4 |       |
|  HAC 181 Heating II3 | 6 |       |
|  HAC 184 Heating II Lab | 4 |       |
| ***HVAC Technical Program Courses Credits*** | ***68*** |  |
| ***Total Credits for Completion*** | ***86*** |  |
|  |
|   |
| **Identify additional preparatory math or English courses you may need to take: If placement scores are below English 91 and/or Math 92, contact the Adult Basic Education (ABE) for classes, Building 10 (253) 589-5702** |
| **AAT  Developmental Math Pathway** |  |  |
| * MAT 092 Pre-Algebra
 | 5 |       |
| * **MAT 103 Business Math, -or   MAT 105 Math for Industrial Professions**
 | 5 |       |
| **Developmental English** |  |  |
| * ENG 091 Basic Reading & Writing
 | 5 |       |
| * ENG 094 Advanced Reading & Writing
 | 5 |       |
|   |
|  |

|  |
| --- |
| Quarterly Self Planning Grid |
| **Quarter 1** | **Quarter 2** | **Quarter 3** | **Quarter 4** |
|  |  |  |  |
| Class:                 | Class:                 | Class:                 | Class:                 |
| Class:                 | Class:                 | Class:                 | Class:                 |
| Class:                 | Class:                 | Class:                 | Class:                 |
| Class:                 | Class:                 | Class:                 | Class:                 |
| **Quarter 5** | **Quarter 6** | **Quarter 7** | **Quarter 8** |
|  |  |  |  |
| Class:                 | Class:                 | Class:                 | Class:                 |
| Class:                 | Class:                 | Class:                 | Class:                 |
| Class:                 | Class:                 | Class:                 | Class:                 |
| Class:                 | Class:                 | Class:                 | Class:                 |

 ***\*Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements***