|  |  |  |  |
| --- | --- | --- | --- |
| 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 I  4 | 7 |  |
| HAC 175 Heating I Lab | 4 |  |
| HAC 181 Heating II  3 | 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 |  |
|  | | | |
|  | | | |

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| 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***