|  |  |  |  |
| --- | --- | --- | --- |
| **Student Name (First Last):**       **Staff Initials:**       **Date:** | | | |
| Aviation Maintenance Technician – PowerPlant Technician | | | |
| Certificate | | | |
| **Admissions Date:** Fall and Spring quarters. | | | |
| **Contact email:** greg.doyon@cptc.edu **Program Counselor:** carolyn.vanbeek@cptc.edu | | | |
| **Prerequisites:** None. | | | |
| **Employability Requirements:** Graduates must meet Federal Aviation Administration (FAA) certification exams and pass literacy requirements. | | | |
| Required General Education Courses | | **Credits** | **Quarter**  **Taken** |
| COLL 102 College Success For All (Must be completed during first two quarters) | | 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 Course, ***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** |
|  | AMT 104 Basic Mathematics, Physics, Weight & Balance\* | 5 |  |
| AMT 116 Aircraft Drawings, Cleaning & Corrosion Control, Ground Operations & Servicing & Fluid Lines\* | 5 |  |
| AMT 119 Materials and Processes\* | 5 |  |
| AMT 127 Maintenance Forms & Records, Publications, & Mechanics Privileges & Limitations\* | 4 |  |
|  | AMT 109 Basic Electricity  4 | 4 |  |
| AMT 125 Advanced Electricity  3 | 4 |  |
| AMT 144 Engine Electrical Systems  3 | 5 |  |
|  | AMT 217 FAA Testing and Turbine Engines | 7 |  |
| AMT 219 Engine Lubrication Systems | 4 |  |
| AMT 221 Engine Instrument Systems | 4 |  |
|  | AMT 224 Powerplant Reciprocating Engine Theory | 6 |  |
| AMT 225 Powerplant Maintenance & Operation | 6 |  |
| AMT 228 Engine Fuel Metering Systems | 5 |  |
| AMT 226 Engine Fuel Systems & Fire Protection | 1 |  |
|  | AMT 231 Engine Inspection | 4 |  |
| AMT 233 Engine Ignition & Starting Systems | 4 |  |
| AMT 235 Induction, Airflow, Cooling, & Exhaust Systems | 3 |  |
| AMT 229CAP Propellers & FAA Final Testing | 4 |  |
| ***Aviation Maintenance Technician Technical Program Courses Credits*** | | ***80*** |  |
| ***Total Credits for Completion*** | | ***98*** |  |
| ***Continued on Page 2*** | | | |

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| --- | --- | --- | --- | --- | --- | --- |
| **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** | | | | | | |
| **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: | | | |
| **Notes:** | | | | | | |

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