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| **Student Name (First Last):**       **Staff Initials:**       **Date:**       |
| Aviation Maintenance Technician AAT and AAS-T Degree  |
| Associate of Applied Technologies Degree (AAT) and Associate of Applied Science – T Degree (AAS-T) |
| **Admissions Date:** Fall and Spring quarters, or by Instructor permission. |
| **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.  |
| Choose AAT or AAS-T Degree Option: | **Credits** | **Quarter****Taken** |
| ***AAT Required General Education Courses*** |
| 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 Course, ***or higher*** ***(pre-req MAT 092 or equivalent)*** | 5 |       |
| Approved computer literacy course, (Or successfully pass the computer literacy exam). For more information go to: [www.cptc.edu/computer literacy](http://www.cptc.edu/computerliteracy) | 3 |       |
|  ***AAT Required General Education Courses Total Credits*** | ***21*** |  |
| ***AAS-T Required General Education Courses*** |
| COLL 102 College Success for All (Must be taken during the first two quarters) | 3 |       |
| ENGL& 101 English Composition ***(pre-req ENG 094 or equivalent)*** | 5 |       |
| PSYC& 100DIV **or** SOC& 101DIV ***(pre-req ENG 094 or equivalent)*** | 5 |       |
| 2nd Social Science, science, or humanities **(from list below)** |  |  |
|  **(Choose from the following):** ART& 100, ASL& 121, ASL& 122, BIOL& 160, BIOL& 175, BIOL& 241, BIOL& 242, BIOL& 260, CHEM& 110, CHEM& 121, CHEM& 131, GEOL& 110, HIST& 137, HUM& 101, MUSC& 105, PHYS& 114, POLS& 202, PSYC& 100, PSYC& 200, PSYC& 220, SOC& 101. | 5 |       |
| MAT 110, MATH& 141, MATH& 142, MATH& 146 ***or*** MATH& 151 ***or higher (pre-req MAT 099)***  | 5 |       |
| Approved computer literacy course, (Or successfully pass the computer literacy exam). For more information go to: [www.cptc.edu/computer literacy](http://www.cptc.edu/computerliteracy) | 3 |       |
|  ***AAS-T Required General Education Courses Total Credits*** | ***26*** |  |
| ***\*Indicates a course appropriate for a first-quarter student*** |
| Technical Program Courses | **Credits** | **Quarter Taken** |
| Qtr. 1Fall/Spring |  AMT 104 Basic Mathematics, Physics, Weight, & Balance\* | 5 |       |
|  AMT 116 Aircraft Drawings, Cleaning & Corrosion Control, Ground Operations & Servicing, & Fluid Lines & Fittings\* | 5 |       |
|  AMT 119 Materials and Processes\* | 5 |       |
|  AMT 127 Maintenance Forms & Records, Publications, & Mechanics Privileges & Limitations\* | 4 |       |
| Qtr. 2Sum/Wntr |  AMT 109 Basic Electricity 4 | 4 |       |
|  AMT 125 Advanced Electricity3 | 4 |       |
|  AMT 143 Airframe Electrical Systems3 | 5 |       |
|  AMT 144 Engine Electrical Systems | 5 |       |
|  |  AMT 142 Hangar Operations & Maintenance **(Only offered Winter: take 2nd or 4th quarter)** | 5 |       |
| Qtr. 3Fall/Spring |  AMT 132 Wood Structures, Aircraft Coverings, & Finishes | 4 |       |
|  AMT 135 Sheet Metal Structures | 4 |       |
|  AMT 136 Welding, Position, & Warning Systems | 3 |       |
|  AMT 137 Non-metallic Structures | 4 |       |
|  AMT 139 Assembly and Rigging | 4 |       |

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| Qtr. 4Sum/Wntr |  AMT 140 Aircraft Landing Gear | 3 |       |
|  AMT 141 Hydraulic and Pneumatic Power Systems | 3 |       |
|  AMT 142 Hangar Operations & Maintenance **(Only offered Winter: take 2nd or 4th quarter)** | 3 |       |
|  AMT 145 Cabin Atmosphere Control Systems | 3 |       |
|  AMT 133 Aircraft Fuel Systems, Ice & Rain Control Systems and Fire Protection Systems | 4 |       |
|  AMT 146 Aircraft Instrument, Communication, and Navigation Systems  | 3 |       |
| Qtr. 5Fall/Spring |  AMT 138 Aircraft Inspections | 4 |       |
|  AMT 208 Helicopter Operations and Maintenance Practices | 4 |       |
|  AMT 210 Basic Rotor System Maintenance and Repair | 4 |       |
|  AMT 212 Advanced Rotor Systems Maintenance and Repair | 4 |       |
|  AMT 215 Helicopter Systems | 4 |       |
| Qtr. 6Sum/Wntr |  AMT 217 FAA Testing and Turbine Engines | 7 |       |
|  AMT 219 Engine Lubrication Systems | 4 |       |
|  AMT 221 Engine Instrument Systems | 4 |       |
|  |  AMT 239 Advanced Hangar Operations & Maintenance **(Only offered Winter: take 6th or 8th quarter)** | 3 |       |
| Qtr. 7Fall/Spring |  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 |       |
| Qtr. 8Sum/Wntr |  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 |       |
|  AMT 239 Advanced Hangar Operations & Maintenance **(Only offered Winter: take 6th or 8th quarter)** | 3 |       |
|  ***Aviation Maintenance Technician Program Courses Credits*** | ***146*** |
| ***Total Credits for Completion*** | ***167-172*** |
| 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 105, MAT 103, MAT 108
 | 5 |       |
|  **AAS-T Developmental Math Pathway** |
| * MAT 092 Pre-Algebra
 | 5 |       |
| * MAT 094 Introduction to Algebra
 | 5 |       |
| * MAT 099 Intermediate Algebra
 | 5 |       |
| * **MATH& 141 Pre-Calculus I – or- MATH& 146 Introduction to Statistics**
 | 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:       |
| **Notes:**       |

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