



4500 Steilacoom Blvd SW,  
Lakewood, WA 98499 253.589.5800

School of Aerospace and Aviation  
Aviation Maintenance Technician  
**Powerplant Technician Certificate Program Map 2023-2024**

Student Name: (First, Last)	Student EMPL #:	Date:
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<b>Total Units:</b> 98	<b>Total Cost:</b> <a href="http://www.cptc.edu/feelists">www.cptc.edu/feelists</a>	<b>Target Start Date:</b>	<b>Target Grad. Date:</b>	<b>Staff Initials:</b>
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**Important Information For Educational Planning**

- **Note:** All Winter Quarters, students also need AMT 142 Hanger Operations (3 units), or AMT 239 Advanced Hanger Ops (3 units). AMT 142 is a pre-req for AMT 239.
- Fall start cohort shown in Green, Spring start in Purple.
- **Graduates must meet Federal Aviation Administration (FAA) certification exams and pass literacy requirements**
- **Program Starts:** Fall and Spring Terms.
- **Program class times:** Mon-Thur. 8:30am -4:00 specific course times may vary with this period.

Program Courses		Units	Status	Total Term
Term 1 FALL/SPRG	AMT 104 Basic Math, Phys, W&B	5		22
	AMT 119 Materials & Processes	5		
	AMT 116 Aircraft Dwgs; Clean & Corr.	5		
	AMT 127 Forms & Records; Pubs, Priv.	4		
	<b>COLL 102 College Success for All</b>	3		
Term 2 SUM/WINTR	AMT 109 Basic Electricity	4		18
	AMT 125 Advanced Electricity	4		
	AMT 144 Engine Electrical Systems	5		
	<b>*MAT 105 Math for Industrial Professionals</b>	5		
Term 3 FALL/SPRG	AMT 217 FAA Testing and Turbine Engines	7		20
	AMT 219 Engine Lubrication Systems	4		
	AMT 221 Engine Instrument System	4		
	<b>ENG &amp; 101 English Composition I or CMST &amp; 220 Public Speaking</b>	5		
Term 4 SUM/WINTR	AMT 224 Powerplant Reciprocating Engine Theory	6		23
	AMT 225 Powerplant Maintenance & Operation	6		
	AMT 228 Engine Fuel Metering Systems	5		
	AMT 226 Engine Fuel Systems & Fire Protection	1		
	<b>PSYC &amp; 100 General Psychology, or SOC &amp; 101 Intro to Sociology, or PSY 112 Psychology of the Workplace</b>	5		
Term 5 FALL/SPRG	AMT 231 Engine Inspection	4		15
	AMT 223 Engine Ignition & Starting Systems	4		
	AMT 235 Induction, Airflow, Cooling & Exhaust Systems	3		
	AMT 229 <sup>CAP</sup> Propellers & FAA Final Testing	4		

**Status Key:** X=Completed course, TR= Transferred course, IP= In Progress **Note:** Unit=Credit  
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Math	Student Placement
Adult Basic Education (ABE Math) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
MAT 105/MATSI 105 Math for Industrial Professionals w/ supplemental Instruction (8 Units)	<input type="checkbox"/>
<b>Stand Alone:</b> MAT 105 Math for Industrial Professionals (5 Units)	<input type="checkbox"/>

English	Student Placement
Adult Basic Education (ABE English) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
ENGL& 101/ENSI 101 English Composition w/ supplemental Instruction (8 Units)	<input type="checkbox"/>
<b>Stand Alone (choose one):</b> ENGL& 101 English Composition (5 Units)	<input type="checkbox"/>

Individualized Program Map			
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Class:	Class:	Class:	Class:

**Program Instructors:** Greg Doyon      email: [Gregory.doyon@cptc.edu](mailto:Gregory.doyon@cptc.edu)

**Program Counselor:** **Program Counselor:** Emelyn Hernandez      email: [emelyn.hernandez@cptc.edu](mailto:emelyn.hernandez@cptc.edu)  
 Carrie Van Beek      email: [caryolyn.vanbeek@cptc.edu](mailto:caryolyn.vanbeek@cptc.edu)

**Transferring Course Work into CPTC:** [www.cptc.edu/transfer-to](http://www.cptc.edu/transfer-to)      Email Contact [evaluator@cptc.edu](mailto:evaluator@cptc.edu)

**Graduation Application:** [www.cptc.edu/enrollment-services](http://www.cptc.edu/enrollment-services) >Transcripts & Graduation >Degree/Certificate Application. Graduation Ceremony Information (Commencement) > Graduation Info

**Career Outlook sites:** [www.onetonline.org](http://www.onetonline.org)      [www.worksourcewa.com](http://www.worksourcewa.com)

**Notes:**

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