



4500 Steilacoom Blvd SW,
Lakewood, WA 98499 253.589.5800

School of Aerospace and Aviation

Aviation Maintenance Technician
Powerplant Technician Certificate Program Map 2022-2023

Student Name: (First, Last)	Student EMPL #:	Date:
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Total Units: 98	Total Cost: www.cptc.edu/feelists	Target Start Date:	Target Grad. Date:	Staff Initials:
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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		
	COLL 102 College Success for All	3		
Term 2 SUM/WINTR	AMT 109 Basic Electricity	4		18
	AMT 125 Advanced Electricity	4		
	AMT 144 Engine Electrical Systems	5		
	*MAT 105 Math for Industrial Professionals	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		
	ENG & 101 English Composition I or CMST & 220 Public Speaking	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		
	PSYC & 100 General Psychology, or SOC & 101 Intro to Sociology, or PSY 112 Psychology of the Workplace	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 ^{CAP} 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"/>
Stand Alone: 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"/>
Stand Alone (choose one): ENGL& 101 English Composition (5 Units)	<input type="checkbox"/>

Individualized Program Map			
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Program Instructors: email:			
email:			
Program Counselor: email			
Transferring Course Work into CPTC: www.cptc.edu/transfer-to Email Contact evaluator@cptc.edu			
Graduation Application: www.cptc.edu/enrollment-services >Transcripts & Graduation >Degree/Certificate Application. Graduation Ceremony Information (Commencement) > Graduation Info			
Career Outlook sites: www.onetonline.org www.worksourcewa.com			
Notes:			

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