School of Aerospace and Aviation

Aviation Maintenance Technician
Associate of Applied Science-T (AAS-T) degree Program Map 2023-2024

Student Name: (First, Last)	Student EMPL #:	Date:

Total Units: 183	Total Cost: www.cptc.edu/feelists	Target Start Date:	Target Grad. Date:	Staff Initials:

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-Friday. 7am – 1pm.

Program Courses		Units	Status	Total Term Units
Term 1 FALL/SPRG	MAT 114 Basic Math, Basic Physics, & Weight & Balance *or* AMT 104 Basic Mathematics, Basic Physics and Weight & Balance	5		
	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		**22**
Term 2 SUM/WINTR	AMT 109 Basic Electricity	4		
	AMT 125 Advanced Electricity	4		
	AMT 143 Airframe Electricity	5		
	AMT 144 Powerplant Electricity	5		
	MATH& 141 Pre-calculus I *or* MATH& 146 Introduction to Statistics	5		**23**
Term 3 FALL/SPRG	AMT 132 Wood Struct: Cover & Finish	4		
	AMT 135 Sheet Metal Structures	4		
	AMT 137 Non-Metal Structures	4		
	AMT 136 Welding; Pos. & Warn	3		
	AMT 139 Assembly and Rigging	4		
	ENGL& 101 English Composition I	5		**24**
Term 4 SUM/WINTR	AMT 140 Landing Gear Systems	3		
	AMT 141 Hydraulic/Pneumatic Systems	3		
	AMT 145 Cabin Atmosphere Controls	3		
	AMT 146 Aircraft Instruments, Communication & Navigation	3		
	AMT 133 Fuel Systems, Ice/Rain; Fire Protection	4		
	AMT 142 Hanger Ops (WINTER)	**3**		
	Approved Computer Literacy course: **CAH 105 Computer Applications, CAS 115 Intro to Computing, CAS 121 Word I, CAS 130 Excel I, CAS 141 PowerPoint** -**Or** complete the CL Prior Learning Assessment (PLA). **https://www.cptc.edu/enrollment-services/pla**	3		**22**
Term 5 FALL/SPRG	AMT 138 Airframe Inspection	4		
	AMT 208 Helicopter Ops and Maintenance	4		
	AMT 210 Beginning Rotor Systems	4		
	AMT 212 Advanced Rotor Systems	4		
	AMT 215 Helicopter Systems Maintenance	4		
	PSYC&100[DIV] General Psychology *or* SOC&100[DIV] Introduction to Sociology	5		**25**

*Status Key: **X**=Completed course, **TR**= Transferred course, **IP**= In Progress   Note: Unit=Credit*

Revised 4/22/24

Clover Park
TECHNICAL COLLEGE

4500 Steilacoom Blvd SW,
Lakewood, WA 98499 253.589.5800

Term	Course	Units		Total
Term 6 WINTR/SUM	AMT 217 FAA Testing and Turbine Engines	7		
	AMT 219 Engine Lubrication Systems	4		
	AMT 221 Engine Instrument Systems	4		
	2ⁿᵈ social Science, Science or Humanities (choose from list below)	5		20
Term 7 FALL/SPRG	AMT 224 Powerplant Recip Theory	6		
	AMT 225 Powerplant Maintenance & Operations	6		
	AMT 226 Engine Fuel Systems; Fire Protection	1		
	AMT 228 Engine Fuel Metering	5		18
Term 8 SUM/WINTR	AMT 231 Engine Inspection	4		
	AMT 233 Engine Ignition/Starting	4		
	AMT 235 Induction, Airflow Cooling, Exhaust	3		
	AMT 229 Propellors, Final Testing	4		
	AMT 239 Advanced Hanger Ops (WINTER)	3		18

General Education Elective: Social Science, Science or Humanities Options (choose <u>one</u> from the following):

ART& 100 -or -ASL& 121, ASL& 122, BIOL& 160, BIOL& 175, BIOL& 241, BIOL& 242, BIOL& 260, CHEM& 110, CHEM& 121, CHEM& 131, GEOL& 110, HIST& 137, HIST& 146, HIST& 147, HIST& 148, HUM 101, MUSC& 105, PHYS& 114, POLS& 202, PSYC& 100, PSYC& 200, PSYC& 220, SOC& 101.

Math	**Student Placement**
Adult Basic Education (ABE Math) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	☐
MATH& 146/MATSI 146 Intro. To Statistics w/ supplemental Instruction (8 Units)	☐
Stand Alone: MATH& 146 Intro. To Statistics (5 Units)	☐
English	**Student Placement**
Adult Basic Education (ABE English) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	☐
ENGL& 101/ENSI 101 English Composition w/ supplemental Instruction (8 Units)	☐
Stand Alone (choose one): ENGL& 101 English Composition (5 Units)	☐

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: Greg Doyon   **email:** Gregory.doyon@cptc.edu

Program Counselor: Julie Lancour **email:** julie.lancour@cptc.edu

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

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Notes:

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