



**SCHOOL OF
Aerospace and Aviation**

**Aviation Maintenance Technician
Powerplant Technician Certificate**

Degree Total Credits	98
Total Cost	Tuition & Fees

Targeted Start Date
Expected Graduation Date

ENTRY COORDINATOR	
STUDENT NAME	
FACULTY NAME	Greg Doyon
CONTACT INFO	greg.doyon@cptc.edu
PROGRAM COUNSELOR	Carrie Van Beek
CONTACT INFO	carolyn.vanbeek@cptc.edu
START DATE	
PROGRAM START QUARTER	FALL or SPRING

Important Program Information	
<p>*Note: All Winter Quarters, students also need AMT 142 Hanger Operations (3cr), or AMT 239 Advanced Hanger Ops (3cr). (AMT 142 is pre-req for AMT 239). FALL start cohort shown in GREEN; SPRING start in PURPLE.</p> <p>*Graduates must meet Federal Aviation Administration (FAA) certification exams and pass literacy requirements.</p>	

Quarter 1 FALL / SPRING			
Course Number	Course Title		CR
AMT 104	Basic Math, Phys, W&B		5
AMT119	Materials & Processes		5
AMT 116	Aircraft Dwg; Clean & Corr.		5
AMT 127	Forms&Records; Pubs, Priv.		4
COLL 102	College Success for All		3
Total Credits			22

Quarter 2 WINTER / SUMMER (See Note)			
Course Number	Course Title		CR
AMT 109	Basic Electricity		4
AMT 125	Advanced Electricity		4
AMT 144	Engine Electrical Systems		5
*MAT 105	Math for Industrial Professionals		5
Total Credits			18

Quarter 3 SPRING / FALL			
Course Number	Course Title		CR
AMT 217	FAA Testing and Turbine Engines		7
AMT 219	Engine Lubrication Systems		4
AMT 221	Engine Instrument Systems		4
ENGL & 101, or CMST& 220	English Composition I, or Public Speaking		5
Total Credits			20

Quarter 4 SUMMER / WINTER (See Note)			
Course Number	Course Title		CR
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
PSYC& 100, or SOC& 101, or PSY 112	General Psychology, or Intro to Sociology, or Psychonology of the Workplace		5
Total Credits			23

Quarter 5 FALL / SPRING			
Course Number	Course Title		CR
AMT 231	Engine Inspection		4
AMT 233	Engine Ignition & Starting Systems		4
AMT 235	Induction, Airflow, Cooling, & Exhaust Systems		3
AMT 229 ^{CAP}	Propellers & FAA Final Testing		4
Total Credits			15

Quarter 6 WINTER / SUMMER (See Note)			
Course Number	Course Title		CR
Total Credits			0

Quarter 7 SPRING / FALL			
Course Number	Course Title		CR
Total Credits			0

Quarter 8 SUMMER / WINTER (See Note)			
Course Number	Course Title		CR
Total Credits			0

Required Gen Ed courses		
COLL 102	College Success for all	3
ENGL&101	English Composition I or CMST&220 Public Speaking	5
PSYC&100	General PSychology, or SOC&101 Intro to Sociology, or PSY112 Psychology of the Workplace (DIV)	5
	*Any college level math (preferred MAT105 Math for Industrial Professionals)	5
Total Gen Ed credits		18

Advising Notes	

Career Outlook Sites	
The Occupation Information Network O*NET worksourcewa.com	

Next Steps (Transcripts & Graduation)	
Apply for Graduation	
Apply for Sealed Official Transcript	

***Please check Periodically with Advising and Counseling regarding any potential Changes to program course requirements.**
 Clover Park Technical College does not discriminate on the basis of race, color, national origin, sex, disability, sexual orientation, age or Veteran's status in its program and activities.