



CHANDLER-GILBERT COMMUNITY COLLEGE

Certificate of Completion
Powerplant Maintenance Part 147
 Unofficial Checksheet (33 credits)

Name:	MCCD Campus: Chandler-Gilbert CC	Major: AMT 5669			
SSN:	MCCD Advisor:	Catalog Year: 2004-2005			
		CRS	GR	SEM	COMMENTS

DESCRIPTION

The Certificate of Completion in Powerplant Maintenance (Part 147) program is designed for individuals who hold an FAA Airframe certificate or who desire to specialize in areas of structural maintenance or repair.				
This certificate provides the necessary knowledge to continue into areas of avionics, composites, or heavy structures specializations. This program of study normally requires two semesters to complete if the prerequisites have been met. Students wishing to enroll in this Part 147 certificate program must complete an application process before being officially accepted into the program.				

I. PROGRAM PREREQUISITIES

ENG 071 OR ASSET TEST INTO ENG 101	3			
MAT 091/ MAT 092 OR ASSET TEST INTO MAT 120/122	0-4			
RDG 091 OR ASSET TEST INTO CRE 101 OR TEST EXEMPT	3			
AMT 124 AIRCRAFT FORMS AND REGULATIONS, WEIGHT & BALANCE, DRAWINGS AND GROUND OPERATIONS	5			
AMT 126 FUNDMENTALS OF MATHEMATICS AND ELECTRICITY	9			
AMT 128 FUNDMENTALS OF AVIATION PHYSICS, CORROSION CONTROL, MATERIALS AND PROCESS	5			
OR HOLD A VALID FAA AIRFRAME CERTIFICATE AND PASS AND AVIATION GENERAL SUBJECT EXAM WITH A MINIMUM SCORE OF 70 PERCENT. EXAM CAN BE SCHEDULED THRU CGCC AT NO CHARGE				

II. REQUIRED COURSES (32 CREDITS) Must have a grade of "C" or better

POWERPLANT (33 credits)				
AMT263 Aircraft Turbine Engines	5			
AMT264 Aircraft Reciprocating Engines	7			
AMT266 Engine Fuel System, Fuel Metering and Induction System	6			
AMT268 Engine Electrical, Ignition and Starter Systems	6			
AMT270 Engine Instruments, Fire Protection and Lubrication, Cooling and Exhaust Systems	5			
AMT 272 Propeller Systems and Engine Inspections	4			

STUDENTS ARE ENCOURAGED TO MEET WITH THEIR ACADEMIC ADVISOR TO DISCUSS THEIR PROGRAM.
 11/18/04 mdh/wc