

8/25/2010

## AVIATION MAINTENANCE TECHNOLOGY ASSOCIATE OF APPLIED SCIENCE DEGREE PLAN

General Education			
<b>AREA-A Essential Skills</b>			<b>6 hrs</b>
ENGL	1101	English Comp I	3
MATH	1111	College Algebra	3
<b>AREA-B Institutional</b>			<b>2 hrs</b>
BUSA	1205	Computer Literacy	2
<b>AREA-C- Humanities/FA</b>			<b>3 hrs</b>
ENGL	21XX	Literature	3
<b>AREA-D- Science/Math</b>			<b>4 hrs</b>
PHYS	1011	Physical Science I	4
<b>AREA-E- Social Sciences</b>			<b>6 hrs</b>
HIST	21XX	US History	3
POLS	1101	American Government	3
<b>Outside Core</b>			<b>5 hrs</b>
HLTH	1101	Health	2
HEXS		Physical Education*	1
HEXS		Physical Education*	1
HEXS		Physical Education*	1
OR			
ENGL	2208	*Technical Communications May be taken in place of HEXS	3
<b>Total Hours in General Education</b>			<b>26</b>

Major Area			
<b>AREA- F Major Requirements</b>			<b>83 hrs</b>
AMTP	1000	Aviation Mathematics	2
AMTP	1010	Aircraft Maint. Regulations	2
AMTP	1020	Aircraft Applied Sciences	9
AMTP	1030	Aircraft Electricity/Electronics	5
AMTP	1210	Aviation Physics	2
AMTP	2010	Aircraft Airframe Structures	2
AMTP	2020	Airframe Sheet Metal & Non-Metallic Structures	5
AMTP	2030	Airframe Welding	1
AMTP	2040	Airframe Assembly & Rgging	2
AMTP	2050	Airframe Inspection	3
AMTP	2060	Aircraft Hydraulic & Pneumatic Sys.	2
AMTP	2070	Aircraft Landing Gear Systems	2
AMTP	2080	Aircraft Environmental Control Sys.	7
AMTP	2090	Aircraft Electrical, Communication & Navigation Systems	6
AMTP	2210	Reciprocating Engine Powerplants I	3
AMTP	2220	Reciprocating Engine Powerplants II	5
AMTP	2230	Gas Turbine Powerplants I	3
AMTP	2240	Gas Turbine Powerplants II	3
AMTP	2250	Aircraft Engine inspection	1
AMTP	2260	Aircraft Engine Fuel & Fuel Metering Systems	5
AMTP	2270	Aircraft Engine Electrical, Ignition & Starting Systems	7
AMTP	2280	Aircraft Powerplant Accessory Sys.	6
<b>Total Hours in Major Area</b>			<b>83</b>

Total hours in degree program	<b>109</b>
Total hours in junior college(s) (Maximum of 50% of degree)	
Total hours in senior college(s) (Last 64 required)	
Total hours taken on campus (24 of last 60 required)	
Total hours 300 level and above courses (Minimum of 40)	
Total hours by correspondence and extension (Maximum of 30)	
Total hours by CLEP and challenge exam (Maximum of 30)	

## Aviation Maintenance Technology AAS Degree

FALL		SPRING		SUMMER	
Cr Hrs		Cr Hrs		Cr Hrs	
ENGL 1101 Composition I	3	BUSA 1205 Computer Lit.	2	AMTP 2050 Airframe Insp	3
AMTP 1010 Aircraft Maint Regulations	2	POLS 1101 Am Government	3	AMTP 2080 AC Env Cont Sys	7
AMTP 1020 Aircraft Applied Sciences	9	AMTP 2020 Airframe Sht Mtl Non-Met Structures	5	HEXS XXXX Physical Ed	3*
AMTP 1000 Aviation Math	2	AMTP 2060 Aircraft Hydr & Pneumatic Systems	2	HLTH 1101 Health	2
AMTP 1030 Aircraft Electricity /Electronics	5	AMTP 2070 Aircraft Landing Gear Systems	2	*3 P.E. Classes 1 credit Hour ea	
AMTP 1210 Aviation Physics	2	AMTP 2040 Airframe Assy & Rigging	2		
AMTP 2010 Aircraft Airframe Structures	2	AMTP 2210 Recip. Engine Powerplants I	3		
AMTP 2030 Airframe Welding	1	AMTP 2220 Recip. Engine Powerplants II	5		

FALL		SPRING	
Cr Hrs		Cr Hrs	
Math 1111 College Algebra	3	ENGL 21XX Literature	3
PHYS 1011 Phys Science I	4	HIST 21XX U.S. History	3
AMTP 2090 Arcrft Elec, Comm, & Nav Sys	6	AMTP 2280 Arcrft Pwrplt Accessory Sys	6
AMTP 2230 Gas Turb Pwrplt I	3	AMTP 2250 Aircraft Engine Inspection	1
AMTP 2240 Gas Turb Pwrplt II	3	AMTP 2260 Arcrft Eng Fuel & Fuel Metering Sys	5
AMTP 2270 Arcrft Eng, Elec, Ign & Start Sys	7		