

Aviation Maintenance - Bachelor Degree: Fall 2003

Sem	Gr	Course	Cr	Title - Required Courses	Pre-requisites
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Fall - 1st Semester		15			
		AVM 111	4	Basic Aircraft Electricity	None
		AVM 121	1	Aircraft Drawings	None
		AVM 131	4	Aircraft Standards	None
		AVM 141	3	Aircraft Science	None
		AVM 151	3	Aviation Fundamentals	None

Spring - 2nd Semester		18			
		AVM 112	2	Aircraft Welding	None
		AVM 132	3	Aircraft Fluid Power	AVM 141 Aircraft Science
		AVM 142	4	Airframe Systems	AVM 141 Aircraft Science
		AVM 152	5	Airframe Structures and Repair	AVM 141 Aircraft Science
		AVM 162	4	Airframe Electrical Systems	AVM 111 Basic Aircraft Electricity

Fall - 3rd Semester		18			
		AVM 231	3	Aircraft Finish and Fabrication	None
		AVM 241	3	Navigational Aids and Communication Systems	AVM 111 Basic Aircraft Electricity
		AVM 261	5	Aircraft Inspection and Assembly	AVM 121 Aircraft Drawings AVM 131 Aircraft Standards AVM 141 Aircraft Science
		AVM 321	4	Powerplant Fundamentals	AVM 131 Aircraft Standards AVM 141 Aircraft Science
		AVM 351	3	Powerplant Ignition and Electrical Systems	AVM 111 Basic Aircraft Electricity

Spring - 4th Semester		17			
		AVM 312	2	Aircraft Propellers	None
		AVM 322	3	Powerplant Operations and Troubleshooting	AVM 321 Powerplant Fundamentals
		AVM 332	5	Gas Turbine Powerplant	AVM 321 Powerplant Fundamentals
		AVM 342	4	Powerplant Induction and Fuel Systems	AVM 321 Powerplant Fundamentals
		AVM 352	3	Powerplant Overhaul	AVM 321 Powerplant Fundamentals

Fall - 5th Semester		15			
		ENGL 100	3	Expository Writing I	None
		MATH 100	3	College Algebra	See Curriculum Guide / Placement Exam
		SPCH 106	3	Public Speaking	None
		ELECTIVE	3	Natural Science Elective	University General Education
		ELECTIVE	3	Aviation Elective	

Spring - 6th Semester		16			
		CMST 104	2	Database Management	None
		ENGL 200	3	Expository Writing II	ENGL 100 Expository Writing I
		MATH 151	2	Applied Plane Trigonometry	MATH 100 College Algebra
		MATH 205	3	General Calculus And Linear Algebra	University General Education
		ELECTIVE	3	Humanities, Business, or Social Science Elective	None
		ELECTIVE	3	Aviation Elective (Upper Division)	Upper Division

Fall - 7th Semester		17			
		AVM 400	4	Composites	AVM 152 Aircraft Science
		PHYS 113	4	General Physics I	MATH 151 Applied Plane Trigonometry
		ENGL 302	3	Technical Writing	ENGL 100 Expository Writing I
		BUS 315	3	Supervisory Management	
		SPCH 311	3	Business and Professional Speaking	

Spring - 8th Semester		12			
		AVM 405	3	Non-Destructive Testing	AVM 261 Aircraft Inspection and Assembly
		ELECTIVE	3	Humanities, Business or Social Science Elective	University General Education
		ELECTIVE	3	Humanities or Social Science Elective	University General Education
		ELECTIVE	3	Aviation Elective (Upper Division)	

		Minimum 18 hrs UGE Courses			of which min 6 hrs Upper Division
		Minimum 6 hrs Upper Division Aviation Electives			
		Degree Requires 128 hrs Total			of which min 45 hrs Upper Division