

AVIATION MAINTENANCE TECHNOLOGY, A.A.S.

Entry Time

Fall

Award

Associate of Applied Science degree
2 years (5 terms including 1 summer)

Kirkwood Community College's Aviation Maintenance Technology program prepares students for Airframe and Powerplant certifications required by the FAA.

Career Opportunities

- aviation maintenance technician
- aircraft structures technician
- helicopter technician
- sheet metal mechanic
- aircraft line assembler
- aircraft quality assurance inspector
- aircraft inspector

Degree Requirements

Term 1		
Fall		Credit Hours
AVM-102	Fund Electricity & Electronics	5
AVM-106	Materials and Processes	3.5
AVM-108	Physics for Aviation	1.5
AVM-116	Aircraft Drawings	1
AVM-118	Aircraft Handling	2.5
AVM-128	Federal Aviation Regulations	1.5
MAT-772	Applied Math	3
Term Totals:		18
Term 2		
Spring		
AVM-114	Aircraft Electrical Systems	4
AVM-136	Metallic Structures	5
AVM-138	Non-Metallic Structures	4
AVM-146	Aircraft Instrument Systems	2
AVM-156	Controls & Airframe Inspection	2.5
Term Totals:		17.5
Term 3		
Summer		
AVM-144	Landing Gear and Systems	2.5

AVM-150	Aircraft Fuel Systems	2.5
AVM-152	Comm and Navigation Systems	1.5
AVM-158	Aircraft Fire Protectn Systems	2
AVM-162	Environmental Systems	2.5
Term Totals:		11
Term 4		
Fall		
AVM-163	Reciprocating Engines	5
AVM-164	Propellers	2
AVM-166	Ignition and Starting Systems	2
AVM-167	Turbine Engines	4
AVM-169	Air, Exhaust & Lubricating Sys	2.5
AVM-171	Engine Inspection	1.5
Term Totals:		17
Term 5		
Spring		
COM-723	Workplace Communications	3
ENG-101	Elements of Writing	3
HIS-152	U.S. History Since 1877	3
SOC-115	Social Problems	3
Term Totals:		12
Program Totals:		75.5

Aviation Maintenance Technology Tool Requirements

Students in the Aviation Maintenance Technology program are required to have a tool set for lab activities. Instructors will provide students with a list of minimum requirements. Students can purchase tool set through the Industrial Technologies Department or on their own. An additional equipment list will be provided for students to purchase on their own. Payment plans can be arranged with the financial aid office.