

WEST MICHIGAN AVIATION ACADEMY
Sample Four Year Academic Plan

9th Grade	10th Grade	11th Grade	12th Grade
English 9 or English 9 (H) PreFlight Math, Algebra I or Geometry Physics or Physics (H) World History or (H) Spanish I or Spanish II Physical Educ/Health Educ	English 10 or English 10 (H) Algebra I, Geometry or Algebra II Chemistry or Chemistry (H) US History or AP US History Spanish I, II, or III Intro to Engr Princ/Robotics Systems	English 11 or English 11 (H) Geometry, Algebra II or Trig/PreCalc Biology or Biology (H) Government or Government AP (.5) Economics or Macroeconomics AP (.5) Spanish II, III, or IV	English 12 or AP English Lit & Comp Algebra II, Trig/PreCalc, or Calculus (AP) Physics II or AP Physics 1 Spanish III, IV, V, AP
Required Aviation Courses:			
Introduction to Aviation (.5) Aviation History & Literature (.5)	Required Aviation Courses: Four 10-week courses Flight Brief (required) (.25) Choose 3 from the following options Aviation Physiology (.25) Aerospace Design & Simulation (.25) Intro to Aviation Flight Planning (.25) Intro to Aviation Maintenance (.25) Intro to Civil Air Patrol (.25) Intro to Remote Control Aircraft (.25)	Aviation and Engineering Electives: Private Pilot Ground School Aviation Business Administration Aerospace Engineering Intro to Unmanned Aerial Systems (.5) Computer Science (.5) Digital Engineering/CADD (.5) Aviation Maintenance Technology - KCTC Avionics - Aircraft Electronics (KCTC)	Aviation and Engineering Electives: Advanced Flight/Instrument Flight Aviation Marketing Engineering Design & Development Computer Science (.5) Digital Engineering/CADD (.5) AP Computer Science A Intro to Unmanned Aerial Systems (.5) Private Pilot Flight School (2 hour block) Aviation Maintenance Technology - KCTC Avionics - Aircraft Electronics - KCTC
		Non Aviation Electives	Non Aviation Electives
		Psychology (.5) Fit for Flight (.5) Navigating Your Future (.5) Astronomy (.5) Meteorology (.5) Sociology (.5) Current Issues (.5) Leadership (.5) KCTC	Financial Math Anatomy and Physiology Statistics (AP) Physics (AP) Spanish (AP) Dual Enrollment AP Chemistry Yearbook/Journalism

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