



**COLLEGE:** Sinclair College

**ODE CAREER FIELD:** Aviation  
**ODE PATHWAY:** Air Transportation  
**SINCLAIR PROGRAM:** Aviation Airframe Maintenance Technology  
 71 Credit Hours - Associate of Applied Science

AVIAO.S.AAS

<b>HIGH SCHOOL</b>	<b>Freshman</b>	English I (1)	Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) Physical Education (.5)	Career Field Exploration	Fine Arts/Foreign Language/Business Elective (1)
	<b>Sophomore</b>	English II (1)	Geometry or Algebra II (1)	Biology or Life Science (1)	US History (1)	Technology Elective (1)	Career Pathway Foundation	Fine Arts/Foreign Language/Business Elective (1)
	<b>Junior</b>	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Advanced study in Life or Physical Science <b>OR</b> Earth/Space Science (1)	US Govt (.5) Economics and Financial Literacy Social Studies Elective (.5)	Career Tech Transportation Systems (Automotive & Aviation) (1)	Career Tech Transportation Systems (Automotive & Aviation) (1)	Career Tech Transportation Systems (Automotive & Aviation) (1)
	<b>Senior</b>	English IV (1)	College Math or Calculus (1)	Physics (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech Transportation Systems (Automotive & Aviation) (1)	Career Tech Transportation Systems (Automotive & Aviation) (1)	Career Tech Transportation Systems (Automotive & Aviation) (1)

**Take ACT, SAT, or required Sinclair placement test. Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.**

<b>COLLEGE</b>	<b>1st Semester</b>	AVT 1113 Drawing for Aviation (3)	AVT 1116 Regulations for Maintenance (3)	AVT 1118 Weight & Balance (3)	AVT 1131 Basic Aviation Electricity (3)	MET 1131 Personal Computer Applications for Engineering Technology (1)		
	<b>2nd Semester</b>	• ENG 1101 English Composition I (3)	AVT 1135 Materials & Processes (4)	• OTM Arts & Humanities Elective (3)	MAT 1110 Mathematics for Technologists (3)	• COM 2211 Effective Public Speaking (3)		
	<b>3rd Semester</b>	AVT 1213 Corrosion (3)	AVT 1107 Fuel Systems (3)	AVT 1106 Airframe Safety Systems (2)	AVT 1214 Cabin Atmospheric Control (2)	AVT 1133 Instruments/ Communications (3)		
	<b>4th Semester</b>	AVT 2143 Review & Recommendation (2)	AVT 1136 Sheet Metal (4)	PHY 1106 Physics for Technology (3)	PHY 1107 Lab for Physics for Technology (0)	AVT 2121 Assembly & Rigging (3)		
	<b>5th Semester</b>	AVT 1218 Utility Systems (6)	AVT 2132 Airframe Electrical Systems (4)	AVT 2236 Non-Metallic Structures (4)	AVT 2237 Aircraft Inspections (3)			

• = Courses guaranteed to transfer to Ohio's public institutions of higher education

Indicates eligible college course opportunities via Proficiency credit or Articulated Award credit.

■ Indicates Career-Technical Assurance Guides (CTAG)-approved transfer credit. The high school or career center is responsible for sending the proper documentation, along with the Verification of Course/Program Completion form to the college in order for credits to be posted on a student's transcript.

Required Courses (credit hours)

Recommended Elective Courses

revised: 7/20/2018

**Please note: This template does not provide department approved course sequences for students to follow. That is, the courses may be presented out of order. It is best for students to consult with an academic advisor in order to plan a semester by semester course schedule in order to meet the requirements for their certificates and degree programs.**