

COLLEGE: Sinclair College

ODE CAREER FIELD: Aviation

ODE PATHWAY: Air Transportation

SINCLAIR PROGRAM: Aviation Powerplant Maintenance Technology

67 Credit Hours - Associate of Applied Science

AVIAP.S.AAS

HIGH SCHOOL	Freshman	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)
	Sophomore	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)
	Junior	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Advanced study in Life or Physical Science OR 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)
	Senior	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.

COLLEGE	1st Semester	AVT 1113 Drawing for Aviation (3)	AVT 1116 Regulations for Maintenance (3)	AVT 1118 Weight & Balance (3)	AVT 1131 Basic Aviation Electricity (3)			
	2nd Semester	• ENG 1101 English Composition I (3)	AVT 1135 Materials & Processes (4)	AVT 1213 Corrosion (3)	MET 1131 Personal Computer Applications for Engineering Technology (1)	AVT 2139 Induction/Exhaust/Cooling (2)		
	3rd Semester	AVT 2237 Aircraft Inspections (3)	AVT 1128 Powerplant Safety Systems (3)	MAT 1110 Math for Technologists (3)	• OTM Arts & Humanities Elective (3)	AVT 2138 Engine Fuel & Fuel Metering (3)		
	4th Semester	AVT 2143 Review & Recommendation (2)	AVT 2129 Propellers (4)	PHY 1106 Physics for Technology (3)	PHY 1107 Lab for Physics for Technology (0)	• COM 2211 Effective Public Speaking (3)		
	5th Semester	AVT 2122 Ignition & Starting (4)	AVT 2126 Reciprocating Engines (7)	AVT 2219 Turbine Engines (4)				

• = 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: 10/9/2017

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.