



**PROGRAM OF STUDY PATHWAY TEMPLATES 2018-2019 \***

**COLLEGE: Sinclair College**

**ODE CAREER FIELD:** Transportation Systems (Aviation)

**ODE PATHWAY:** Aviation

**SINCLAIR PROGRAM:** Powerplant Aviation Maintenance

27 Credit Hours - Short Term Certificate

PPAM.S.STC

<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 (Aviation) (1)	Career Tech Transportation Systems (Aviation) (1)	Career Tech Transportation Systems (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 (Aviation) (1)	Career Tech Transportation Systems (Aviation) (1)	Career Tech Transportation Systems (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 2139 Induction/Exhaust/ Cooling (2)	AVT 2138 Engine Fuel & Fuel Metering (3)	AVT 2219 Turbine Engines (4)	AVT 2122 Ignition & Starting (4)			
	<b>2nd Semester</b>	AVT 2129 Propellers (4)	AVT 2126 Reciprocating Engines (7)	AVT 1128 Powerplant Safety Systems (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.**