



PROGRAM OF STUDY PATHWAY TEMPLATES 2011-2012
 – AVIATION TECHNOLOGY – PROFESSIONAL PILOT & AIRWAY SCIENCE *

COLLEGE: **Sinclair Community College**

HIGH SCHOOL(S): **Miami Valley Career Technology Center**

Ohio High Point Career Center

Warren County Carrer Center

CAREER FIELD: **Transportation Services**

PATHWAY: **Engineering: Aviation Occupation**

PROGRAM: **Aviation Technology Professional Pilot & Airway Science**

103-104 Credit Hours - Associate of Applied Science



HIGH SCHOOL	Freshman	English I (1)	Integrated Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) P E (.5)	Career Exploration	Elective (1)
	Sophomore	English II (1)	Geometry or Algebra II (1)	Biology (1)	American History (1)	Introduction to Engineering Design (1)	P E (.5)	Elective (1)
	Junior	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Physics I (1)	American Govt (.5) Social Studies Elective (.5)	College Tech Prep Engineering Technology (1)	College Tech Prep Engineering Technology (1)	Technology: Word, PowerPoint, & Excel (.5) Art (.5)
	Senior	<u>English IV (1)</u>	<u>Integrated College Math or Calculus (1)</u>	Chemistry (1)	Elective (1)	College Tech Prep Engineering Technology (1)	College Tech Prep Engineering Technology (1)	Elective (1)

Take Accuplacer (reading, math, and writing). Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

COLLEGE	1st Quarter	SCC 101 (2) Student Success Experience	• MAT 116 or 131 (5) College Algebra or Tech Math I	AVT 110 (4) Ground School / Private Pilot	AVT 124 (4) Private Pilot Flight	■ ETD 198 (2) PC Apps Engineering		
	2nd Quarter	• ENG 111 (3) English Comp I	AVT 150 (2) Crew Resource Management	AVT 224 (4) Instrument Pilot Flight	AVT 105 (3) Orientation to Aviation	AVT 170 (5) Instrument Pilot Ground School		
	3rd Quarter	• ENG112 (3) English Comp II	• MAT 117 or 132 (5) Trigonometry or Tech Math II (5)	AVT 211 (3) Navigation Science II	AVT 119 (3) Aviation Meterology	AVT 125 (3) Developments in Aviation		
	4th Quarter	AVT 250 (4) Commercial Pilot Ground School	AVT 263 (4) Commercial Pilot Flight	• PHY 141 or 131 (4) College Physics or Tech Physics I	• Arts & Humanities Elective (3)	AVT 242 (3) Aircraft Accident Investigation		
	5th Quarter	• Social Science Elective (3)	AVT 255 (4) Multi-engine Pilot Ground School	AVT 206 (3) Aerodynamics	AVT 240 (3) Human Factors in Aviation	AVT 266 (4) Multi-Engine Pilot Flight		
	6th Quarter	• COM 206 (3) Interpersonal Communication	AVT 258 (4) Flight Instructor Ground School	AVT 247 (3) Flight Mechanics	AVT 269 (4) Flight Instructor Flight Course	AVT 270 (3) Aviation Internship		



Sinclair converts to semesters in 2012-2013. Visit www.sinclair.edu/semesters for new course names and credit hours.

Credit-Based Transition Programs, such as dual enrollment, articulated courses 2+2 (+2)
 ♦ = high school to college • = community college to 4 year institution ■ = opportunity to test out

Required Courses (credit hours)

Recommended Elective Courses