



PROGRAM OF STUDY PATHWAY TEMPLATES 2011-2012  
— AVIATION TECHNOLOGY \*

COLLEGE: **Sinclair Community College**

CAREER FIELD: **Transportation Systems**

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

PATHWAY: **Aviation Occupation**



**Ohio High Point Career Center,**

PROGRAM: **Aviation Technology**

**Warren County Career Center**

**91 - 96 Credit Hours - Associate of Applied Arts**

HIGH SCHOOL	<b>Freshman</b>	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)
	<b>Sophomore</b>	English II (1)	Geometry or Algebra II (1)	Biology (1)	American History (1)	Introduction to Engineering Design (1)	P E (.5)	Elective (1)
	<b>Junior</b>	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)
	<b>Senior</b>	<a href="#">English IV (1)</a>	<a href="#">Integrated College Math or Calculus (1)</a>	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	<b>1st Quarter</b>	• ENG 111 (3) English Comp I	• MAT 116 or 131 (5) College Algebra or Tech Math I	AVT 105 (3) Orientation to Aviation	SCC 101 (2) Student Success Experience	■ ETD 198 (2) PC Apps Engineering		
	<b>2nd Quarter</b>	• Arts & Humanities Elective (3)	• MAT 117 or 132 (5) Trigonometry or Tech Math II (5)	AVT 119 (3) Aviation Meteorology	AVT 245 (3) Aviation Law			
	<b>3rd Quarter</b>	• ENG112 (3) English Comp II	• PHY 141 or 131 (4) College Physics or Tech Physics I	AVT 125 (3) Developments in Aviation	AVT 110 (5) Ground School / Private Pilot	AVT 270 (3) Aviation Internship		
	<b>4th Quarter</b>	Aviation Elective (3-4)	Engineering Technical Elective (3)	Engineering Technical Elective (3)	Engineering Technical Elective (3)	AVT 211 (3) Adv Navigation Science		
	<b>5th Quarter</b>	• Social Science Elective (3)	Aviation Elective (3-4)	AVT 242 (3) Aircraft Accident Investigation	AVT 240 (3) Human Factors in Aviation	AVT 206 (3) Aerodynamics		
	<b>6th Quarter</b>	• COM 206 (3) Interpersonal Communication	AVT 247 (3) Flight Mechanics	Aviation Elective (3-4)	AVT 140 (3) Intro to Business Aviation	Aviation Elective (3-4)		



**Sinclair converts to semesters in 2012-2013. Visit [www.sinclair.edu/semesters](http://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**