

COLLEGE: Sinclair College

**ODE CAREER FIELD:** Law & Public Safety

**ODE PATHWAY:** Criminal Justice

**SINCLAIR PROGRAM:** Unmanned Aerial Systems

31 Credit Hours - One Year Technical Certificate

UAS.S.CRT

<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 Law & Public Safety (1)	Career Tech Law & Public Safety (1)	Career Tech Law & Public Safety (1)
	<b>Senior</b>	English IV (1)	College Math or Calculus (1)	Physics (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech Law & Public Safety (1)	Career Tech Law & Public Safety (1)	Career Tech Law & Public Safety (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 1101 Introduction to Unmanned Aerial Systems (2)	AVT 1104 UAS Standards, Regulations & Law (1)	AVT 1110 Private Pilot Ground School (3)	AVT 2150 Crew Resource Management for UAS (1)	AVT 2151 UAS Operations (3)		
	<b>2nd Semester</b>	EET 1120 Introduction to DC & AC Circuits (2)	EET 1121 UAS Remote Sensing & Analysis (1)	EET 1158 Aerospace Spatial Visualization (2)	• ENG 1101 English Composition (3)	• MAT 1470 College Algebra (4)		
	<b>3rd Semester</b>	MET 1131 Personal Computer Applications for Engineering Technology (1)	<p><b>OR</b></p> <p>AVT 1114 Geospatial Information for UAS (2) AND • CAT 1501 Fundamentals of Surveying &amp; Mapping (3) AND GEO 1107 Introduction to Geographic Information Systems (GIS) (4)</p>	<p><b>OR</b></p> <p>AVT 1112 UAS Precision Agriculture (2) AND AVT 2298 UAS Agriculture Transfer (7)</p>	<p>AVT 1108 UAS First Responder Applications (1) AND • ■ CJS 1101 Introduction to Criminal Justice Science (3) AND CJS 1155 Homeland Security Issues &amp; Administration (3) AND ■ EMS 1100 Emergency Medical Responder Lecture &amp; Laboratory (2)</p>			

• = 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: 10/7/2017

**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.**