

COLLEGE: Sinclair College

ODE CAREER FIELD: Law & Public Safety

ODE PATHWAY: Criminal Justice

SINCLAIR PROGRAM: Unmanned Aerial Systems

31-33 Credit Hours - One Year Technical Certificate

UAS.S.CRT

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 Law & Public Safety (1)	Career Tech Law & Public Safety (1)	Career Tech Law & Public Safety (1)
	Senior	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.

COLLEGE	1st Semester	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)		
	2nd Semester	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)		
	3rd Semester	MET 1131 Personal Computer Applications for Engineering Technology (1)	<p>OR</p> <p>AVT 1114 Geospatial Information for UAS (2) AND ● CAT 1501 Fundamentals of Surveying & Mapping (3) AND GEO 1107 Introduction to Geographic Information Systems (GIS) (4)</p>	<p>OR</p> <p>AVT 1112 UAS Precision Agriculture (2) AND AVT 2298 UAS Agriculture Transfer (7)</p>	<p>OR</p> <p>AVT 1108 UAS First Responder Applications (1) AND ● CJS 1101 Introduction to Criminal Justice Science (3) AND ● CJS 1155 Homeland Security Issues & Administration (3) AND ● EMS 1100 Emergency Medical Responder Lecture & Laboratory (2)</p>	<p>OR</p> <p>AVT 1120 Electro-Optical & Infrared Data Analysis (2) AND AVT 1121 Multispectral & Hyperspectral Data Analysis AND AVT 1122 Synthetic Aperture Radar & Light Detection & Ranging Data Analysis AND AVT 1123 Acoustic & CBRNE Data Analysis AND GEO 1107 Introduction to Geographic Information Systems (GIS) (4)</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: 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.