

AVT 1104: UAS Standards, Regulations & Law
 Credit Type – Proficiency



MIAMI VALLEY
TECHPREP
 CONSORTIUM

Course Description and Learning Outcomes:
https://www.sinclair.edu/course/params/subject/AVT/courseNo/1104/
Faculty Pathway Specialist(s) (Please include name, email and office hours):
Gregory Garman, gregory.garman@sinclair.edu
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
What is the ideal format for course delivery – in person, online or blended? To what extent could this course be offered online if necessary?
This course can be taught fully on-line (face-to-face meetings are not required)
How is the final grade for the course determined? (Please list all required assignments, assessments, etc.)
The final grade is comprised of: Homework 30%, Attendance 20%, Final Paper 15%, Presentation 5%, Mid-Term Exam 15%, Final Exam 15%
Who is responsible for grading the required assignments and/or assessments? (faculty or instructor?)
The High School Instructor is responsible for scoring/grading assessments and putting grades in the eLearn gradobook
What is the grading scale for the course?
The standard grading scale is used (A:90-100, B:80-89, C:70-79, etc.)
Must students access the eLearn shell regularly to complete requirements?
Course requires that students complete work in eLearn, including homework, a paper, an oral presentation, a midterm test and a final test. Students will post in discussion forms, use a thumb drive (or other means) to save files.
Does the course require access to YouTube, GoogleDrive, etc.?
High Speed Internet is required
Additional course details or requirements important for instructors not covered above:
This course reviews the current legal considerations of unmanned aerial system (UAS) operations, provides an outlook on future considerations, and informs students on existing and trending UAS related standards and regulations.
Most common (or popular) degrees this course is in?

AGEQ.S.CRT		Agricultural Equipment Operator
AGR.S.AAS		Agricultural Sciences
UAS.S.AAS		Unmanned Aerial Systems
UAS.S.BAS		Unmanned Aerial Systems (UAS)
UAS.S.CRT		Unmanned Aerial Systems
UASAG.S.STC	•	UAS Precision Agriculture
UASDTA.S.STC		Aerial Sensing Data Analytics
UASENT.S.CRT		UAS Entrepreneurship
UASFR.S.STC		UAS First Responders
UASGIS.S.STC		UAS for Geographic Information Systems