

MGA

Academic Program - Course Schedule and Learning Outcomes

Aviation Science and

Campus: Eastman

College/School: School of Aviation

Department: Management

Academic Degree: Certificate

Major: UAS Operator

Track (if applicable):

What are the Program Learning Outcomes?

A learning outcome is a description of the knowledge, skills and abilities you will gain as you complete your coursework.

1. Develop, program, and deploy a complete autopilot mission for various autopilot controllers on unmanned vehicles.

2. Effectively communicate through written, verbal, and electronic formats.

3. Acquire the knowledge needed to pass the FAA Remote Pilot examination

- 4.

What courses do I need to take to graduate from this program?

Entering Class	Academic Year		
	Fall	Spring	Summer (varies)
Freshman	(15 hours) UAS Concepts (3 Cr. Hrs.) Unmanned Aerial Systems Concepts Lab (2 Cr. Hrs.) Unmanned Aerial Systems Regulations (3 Cr. Hrs.) Unmanned Aerial Systems Regulations Lab (2 Cr. Hrs.) Unmanned Aerial System Platform and System Development (3 Cr. Hrs.) Unmanned Aerial Systems Platform and System Development Lab (2 Cr. Hrs.)	(18 hours) Unmanned Aerial Systems Lab (3 Cr. Hrs.) Unmanned Aerial Systems Flight Lab (3 Cr. Hrs.) Private Pilot Ground School (3 Cr. Hrs.) Introduction to Inform Tech (3 Cr. Hrs.) Composites and Bonded Struct (6 Cr. Hrs)	
Sophomore			
Junior			
Senior			

What jobs have recent graduates received after completing this program?

Recent Graduates have received jobs with the following employers:

Self-employment for weddings, receptions, etc.

Home Insurance companies

Surveyors

Movie productions