

## **Academic Plan as of Spring 2019**

### **Program Description:**

Be on the forefront of Unmanned Aircraft Systems (UAS) operation, policy, safety, and application. UAS are finding expanding commercial and public application across many industries including construction, agriculture, environmental monitoring, security, delivery, and more. Demand for licensed operators is growing rapidly! With this certificate you will not only build strong technical understanding through classroom and online instruction, but also gain experience via flight labs. Hands-on, interactive flight instruction will build full competence to manage flight operations for UAS multirotor platforms. The certificate program is open to anyone interested in this rapidly growing field of aviation.

### **Prerequisites and Admissions Requirements: N/A**

### **Program Learning Outcomes:**

- Have a basic understanding of UAS history, current UAS trends, and indications of future UAS industry policy
- Be knowledgeable of applicable industry standards and current applications in civilian fields
- Be able to pass the Federal Aviation Administration's Unmanned Aircraft General (UAG) Written Exam, a prerequisite for the FAA Remote Pilot Certificate
- Be able to pass the AUVSI Trusted Operator Program (TOP) Level 2 Practical Flight Assessment for Remote Pilots

### **Program Requirements:**

To earn the Unmanned Aircraft Systems Certificate you must successfully complete the following required course:

#### Required Courses:

- Unmanned Aircraft Systems Certificate (UA1100)

### **About This Program:**

The Unmanned Aircraft Systems program is designed to meet the needs of Southern Nevada for a prepared and educated workforce in the field of unmanned aircraft systems operations. This entry level program provides an opportunity for members of the community interested in pursuing commercial operations in unmanned aircraft systems.