UAS REMOTE PILOT ASSOCIATE IN SCIENCE DEGREE

Division: Career Technical Education

PROGRAM CODE: 1S35448

The **UAS Remote Pilot Associate in Science Degree** prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Unmanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Unmanned Aircraft Systems (UAS). To earn an local Degree name students must complete: 1) all major course requirements with a grade of C or better; (2) Cypress College Local General Education requirements or the California General Education Transfer Curriculum (Cal-GETC) requirements; (3) any elective courses to complete a minimum of 60 units; and, (4) have a minimum GPA of 2.0. At least 50% of all major course work must be completed at Cypress College. Courses that fulfill major requirements for an Associate Degree at Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counselor, or visit the Transfer Center. This degree requires a total of 37.5-39 units in addition to other general education requirements.

Code	Title	Units
Required courses are listed in numeric sequence: (37.5-39 units)		
ATC 102 C	Career Communication and Portfolio	3
ATC 132 C	Private Pilot	4
ATC 136 C	Air Navigation	3
ATC 140 C	Meteorology	3
ATC 144 C	Aircraft and Engines	3
ATC 160 C	UAS Drone Basic	3
ATC 161 C	UAS Drone Flight Lab 1	1
ATC 162 C	UAS Drone Basic Flight	2
ATC 197 C	Flight Simulator Instrument	2
ATC 232 C	Instrument Rating	3
ATC 256 C	Crew Resource Management	3
ATC 260 C	UAS Drone Advanced (formerly UAV-UAS Advanced)	3
ATC 261 C	UAS Drone Advanced Simulator	2
ATC 262 C	UAS Drone Advanced Flight	2
ATC 299 C	Independent Study	0.5-2
Total Units		**37.5-39**

Program Student Learning Outcomes:

Outcome 1: Students will conduct independent study documenting through research and field experience.

Outcome 2: Students will plan and successfully fly a UAS/Drone flight within regulatory guidelines, with 70% or better accuracy scores. Assessment:Computer tracking and UAS/Drone flight data readouts will allow assessment of the completed flight, which will be documented in the students' career portfolio. Students will achieve a 70% or better in proficiency.

Outcome 3: Acquire the knowledge necessary to pass the FAA Part 107 exam.

https://www.curricunet.com/Cypress/reports/program_report.cfm?programs_id=1698