

# UNCREWED AERIAL SYSTEMS PILOTING CERTIFICATE

---

PROGRAM CODE: 2C42402

The Unmanned Aerial Systems Piloting Certificate is designed to provide the student with a strong foundation and employment skills needed for safely flying drones in the commercial unmanned aerial industry. The training within this program will develop a student's understanding of proper and safe piloting, weather effects on aircraft, federal airspace, and regulations, as well as ethical issues regarding drones. A student must possess the FAA Part 107 Remote Pilot Certificate before earning this certificate. This certificate requires a total of 10-11 units. A minimum grade of C is required in each course taken.

Code	Title	Units
TECH 150 F or TECH 151 F	Basic Drone Piloting Applied Drone Piloting	2-3
TECH 158 F	Advanced Drone Piloting Skills	2
TECH 080 F	Federal Aviation Administration Drone Pilot Test Preparation	1
ESC 105 F	Introduction to Weather and Climate	3
TECH 127 F	Industrial Safety	2
<b>Total Units</b>		<b>10-11</b>

Program Level Student Learning Outcomes

**Outcome 1:** Execute a proper takeoff and landing of a drone.

**Outcome 2:** Identify the five different types of airspace defined by the FAA

**Outcome 3:** Identify safe weather conditions for drone flight.

---

[https://www.curricunet.com/fullerton/reports/program\\_report.cfm?  
programs\\_id=990](https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=990)