

# Small Unmanned Aircraft Systems (sUAS)

## Flight Technician Career Studies Certificate (CSC)



The Peninsula's Community College

**Purpose:** This certificate is designed to prepare participants to skillfully fly and maintain an sUAS and to earn the FAA Part 107 certificate. Knowledge of the safe and legal operation of an unmanned aircraft (drone) and the collection of imagery for customers is on the forefront of employer demand for many new and emerging fields. This program develops these competencies and allows participants to succeed in this challenging and demanding field.

**Educational or Occupational Objectives:** The novice pilot will learn manual flight skills and how to legally fly in a commercial operation. The courses in this program can be used as electives in the AAS in Information Systems Technology or the AAS in Mechanical Engineering Technology, graduating with both an AAS degree and this Career Studies Certificate.

**Possibilities:** Graduates from the sUAS Flight Technician CSC program are in demand by a wide range of industries. The potential commercial uses of unmanned systems are endless and include remote sensing of the atmosphere; disaster response, police and fire response; weather forecasting; scientific research; agricultural survey of crops, soils, and livestock; crop dusting; wildfire surveillance; wildlife surveys; power line and pipeline survey; industrial security; oil, gas, and mineral exploration; payload transport; search and rescue; and aerial photography for fields like real estate, construction, film and entertainment industry, and accident investigation.

### Fall Course schedule:

Course	Title	Credits	Session	Days	Time
UMS 107 co-listed with MEC 195	Small Unmanned Aircraft Systems (sUAS) Remote Pilot Ground School	3, lecture	8W1, hybrid	MW	3:30-4:45 pm
UMS 111 co-listed with MEC 295	Small Unmanned Aircraft Systems (sUAS) I	3, lecture	16W	TR	3:30-4:45 pm
UMS 177 co-listed with MEC 195	Small Unmanned Aircraft Systems (sUAS) Components and Maintenance	3 credits: 2 lecture, 2 lab	8W2, hybrid	MW	3:30-5:15 pm



For more info stop by Hastings Hall, rm 321, Diggs 122 or contact  
Prof. Julie Young: [youngj@tncc.edu](mailto:youngj@tncc.edu) or Prof. Cherie Aukland [auklandc@tncc.edu](mailto:auklandc@tncc.edu)

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