

Hornet Drone Piloting Apprenticeship Program Guide for Counselors

Apprenticeship Program website and flyer found here: <https://drones.fullcoll.edu/>

What students gain from the Apprenticeship Program:

The Fullerton Drone Lab offers the opportunity for select students to complete a state- and federally-certified [Hornet Drone Piloting Apprenticeship Program](https://drones.fullcoll.edu/). Apprenticeship is an industry-driven, high-quality career pathway where employers can develop and prepare their future workforce, and individuals can obtain paid work experience, classroom instruction, and a portable, nationally-recognized credential.

Students may apply for Fullerton's **FULLY-FUNDED** (tuition, books, FAA exam) program. When selected students will complete the **Uncrewed Aerial Systems Certificate** and obtain their FAA Part 107 certification and their OSHA 30.

Eligibility Requirements:

- Registered in Fullerton College Drone Program. In other words, students must have completed or have in progress course(s) from the Uncrewed Aerial Systems Piloting Certificate to be eligible to apply for the program.

The Uncrewed Aerial Systems Piloting Certificate requirements are found in the Fullerton College Catalog: <https://catalog.nocccd.edu/fullerton-college/degrees-certificates/technology/uncrewed-aerial-systems-piloting-certificate/>

- At least 16 years old at the beginning of the program
- Able to commit to 600 hours of work for "on the job training"
- Able to stand for long periods of time
- Able to lift 50lbs

Application for the Apprenticeship Program found here:

<https://drones.fullcoll.edu/apprenticeships-and-internships/>

600 Hrs of on the job training:

Students will spend 600 hours of paid work in drone operations with one of our partners and facilitated by Friends of Fullerton College Foundation and Hope Builders Career Connections. Job placement opportunities include power lines inspection, wind and solar farms, utility inspection, mosquito spraying, ground surveying. Students must complete Tech 150 or Tech 151 and Tech 127 before they will be permitted to begin the 600 hrs of paid on the job training.

1/11/23

J. Seidel & O. Barajas

Scheduled hours will be dependent on the employer. Students will be employees and paid \$19-\$20 per hour. Students should expect to work in the 8:00 AM-5:00 PM window a few days a week. Therefore, it may not be possible to accommodate a student with a full-time job that works 8:00 AM-5:00 PM.

Micro Loan:

Through the Friends of Fullerton College Foundation, students in the apprenticeship program are eligible for a loan of up to \$2,500 to purchase their drone.

Academic Planning Considerations:

Students may begin the program in Fall, Spring or Summer terms and complete it in as short as one year. Before students are permitted to begin the 600 hours of on the job training, they must complete the following courses:

- Tech 150_F** Basic Drone Piloting (*offered summer, fall and spring*)
- OR Tech 151_F** Applied Drone Piloting (*offered fall and spring*)
- and Tech 127_F** Industrial safety (*only offered in the fall at this time*)

Tech 80_F Federal Aviation Administration Drone Pilot Test Preparation, does not need to be taken before the 600 hrs of on the job training, however, it is recommended that students enroll in Tech 080_F concurrently with Tech 150 or Tech 151. (*offered summer, fall and spring*)

Suggested Sequence:

Fall Start	Units	Spring	Units
Tech 150_F or Tech 151_F	2-3	Tech 158_F (pre-req: Tech 150_F or	2
Tech 127_F	2	Tech 151_F)	3
Tech 080_F	1	ESC 105_F	
		600 Hrs of on the job training	

For more information:

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