

UNIVERSITY OF GUAM DRONE CORPS



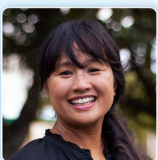
About the Program

Co-funded by NASA Guam Space Grant and NASA Guam EPSCoR, the **University of Guam Drone Corps** program provides a robust and engaging experience for collegiate-level students by partnering with experts in the drone industry to prepare the students for federal drone pilot certification and to guide them with hands-on flight simulations.

Through this immersive experience, students become responsible and exceptional drone pilots who can then assist in missions that will benefit the local community. After finishing the program, students can continue taking on flight missions or internships, further enriching their drone flight experiences.



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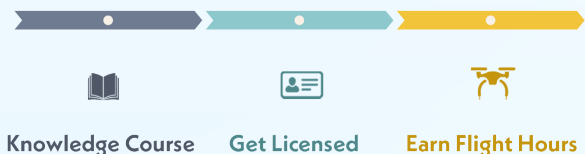


The third cohort of UOG Drone Corps pose for a group photo during their first day of class.

By the Numbers

Students FAA-Licensed	36	Internships	15
Training Flight Hours	1.5K	Total Cohorts	3

Workflow



Drone Partners



www.bit.ly/dronecorps



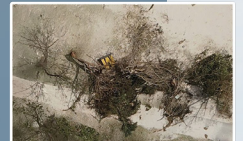
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Drone Corps **in Action**

Mapping Typhoon Mawar Aftermath with NWS Guam

After the devastating impact of **Typhoon Mawar**, remote pilots from UOG, in partnership with the National Weather Service Guam, initiated a collaborative effort to map the

storm's damage to the natural and built environment. The data will be used to evaluate coastal inundation, wave run-up, and damage to structures and vegetation.



Teachers Learn About Drones with Guam Department of Education

The University of Guam Drone Corps, in collaboration with Global Green-STEM and 2cofly, recently held a workshop for local educators to learn about unmanned aerial vehicle

(UAV) technology. The goal was to teach teachers about drones so they can help inspire students and make classroom lessons more interesting.

Building Workforce Capacity with NASA Space Grant Internships

Launched in August 2021, the NASA Guam Space Grant Professional Intern-

ship program provides Drone Corps members the opportunity to apply their newly acquired drone skills in specialized industries such as construction or marketing.



View the datasets at
www.bit.ly/nasagu2023data