



Courses

- M 1-4pm** **Introduction to Drones AV 101.1:** Begin drone license ground school beginning photography & videography, flight training on own trainer (Hubsan X4), students advance later to flying a Phantom and building logged hours
- W 8am-1pm** **Coastal Habitat Management NR 101.1:** The Academy's ground crew: studies whales, clears a path to our salt marsh restoration site, clears invasives on Tribal lands, surveys salmon streams, uses drones to collect water samples, does stream profiles, BRUVS (baited remote underwater video systems), builds ground control points, and assembles and launches a USS (Unmanned Surface System)
- F 8-11am** **Drone Operations AV 102.1** Deploys to census migrating whales, takes pilot's test participates in coastal studies lectures on whales, salt marshes, fisheries, port development issues, and oceanography. Coauthor poster sessions on units

Subjects

- September** **Whale Census with Oregon State**
Understand the regulations regarding whale census, how to photograph them, training for flying off ships, with Oregon State University Marine Mammal Institute on the R/V Pacific Storm, analyzing data from them, attending museums to study anatomy and ecology, training in whale and marine mammal identification, lectures on whale ecology, and coauthoring a poster on whale census
- October** **Salt Marsh Restoration with Central Oregon Watersheds Council**
Understanding the rules and techniques of studying marsh restoration, fly, map and interpret salt marsh data, visit salt marshes to clear and cut paths through invasives, lectures on salt marsh ecology, and coauthoring poster on marshes
- November** **Fisheries (Salmon) with Confederated Tribe of Siletz Indians**
Understand salmon fisheries and how to assess them aerially, how to fly and photograph salmon, ground surveys, stream profiles, underwater photography of salmon, attending museums to study salmon watersheds, lectures on salmon ecology and biology, and developing a poster on salmon ecology
- December** **Port Development with the Port of Newport**
Regulations of flying the port, aerial photography, mapping port properties, dredge fill inventories
- January** **Oceanography with Sea Grant and the US Coast Guard**
Building and launching an oceanographic monitoring vessel, lecture and museum visits to study waves and tides

Teachers/Assistants

- Chuck Getter** Flight instructor, lecturer, chief pilot
Michelle Rogers Lead photographer/videographer, crew chief
Jason Moranda Ground school instructor, tutor