



## **DRONE TECHNOLOGY**

*Empowering your Workforce for 30 years*

### **AERIAL PHOTOGRAPHY USING DRONE TECHNOLOGY**

#### **Overview**

The implementation of unmanned aerial vehicles has grown rapidly in industry, from applications in the private sector to those in the public. As a result, the number of job opportunities continues to expand for skilled workers. In this course, participants will be introduced to the fundamentals of drone technology and the use of drones in aerial photography. Students will first learn to operate a quadcopter both in a controlled lab environment then out of doors practicing taking off, flying and landing. Safety procedures and flight rules will be covered in exact detail as students become comfortable with flight technology. With cameras mounted to the drone, video images will be recorded to document the flight. Once video has been recorded, participants will use desktop software to edit the footage from the flight and create a simple movie of the flight experience. At the course conclusion, students will be able to leverage the skills learned toward a potential career in drone technology and video photography.

#### **Objectives**

After successfully completing the course, participants will be able to:

- Demonstrate knowledge of drone technology.
- Demonstrate knowledge of laws governing drone operation.
- Manually pilot a drone from take-off, through flight, and concluding with a safe landing.
- Demonstrate ability to use a drone-mounted video camera.
- Demonstrate ability to use Final Cut Pro to create a movie from aerial footage.

#### **Format**

Aerial Photography Using Drone Technology is a 24-hour program, offered in multiple sessions. The course content is presented in an interactive, learner-centered style of facilitation. Instruction begins in a classroom environment then progresses to practicing drone flight out of doors. The course concludes with classroom instruction in methods for creating video using footage captured in the field.

#### **Benefits**

Participants learn the skills to fly drones safely and effectively in an open air environment, and gain an understanding of the procedures for capturing aerial footage and transforming it into videos.

The Sage Group LLC  
5115 Maryland Way – Suite 204  
Brentwood, TN 37027  
Phil Costanzo  
(917) 281-5651  
philc@thesagegrp.com