FUNDAMENTALS OF DRONE TECHNOLOGY

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AUGUST 26TH -28TH FRIDAY NIGHT, SATURDAY AND SUNDAY

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 fight 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.

Upon completing this course, students will be able to meet these overall objectives:

· 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.

GREAT TOOLS & SKILLS FOR HOME INSPECTIONS!

TUITION ASSISTANCE MAY BE AVAILABLE

INSTRUCTOR LED, HANDS-ON EDUCATION

"I enjoyed the class very much! The instructors were informative and made the entire class a lot of fun, so much so that I had to go out and buy my own drone!" – Jesse F., District 2

Name: _____   Telephone Number: _____

Email: _____   Work Location/Tour: _____

Address: _____

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Nashville State Community College

THE SAGE GROUP

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