

COURSE INFORMATION

Course Title: Introduction to Drone :Aerial Photography and Technique

Course Description: Learn the basics of airborne photography from small unmanned aerial systems (drones). The course will focus on airframe and camera selection, camera features/setup/usage, shooting techniques, and applications for aerial photography.

Suggested Course Prerequisite(s): N/A.

Student Learning Outcomes:

Demonstrate techniques for drone based photography, including drone flight operations, shooting methods, camera set-up, image processing, and drone based enterprises

Certification Notes: N/A

Next course recommendation: N/A

Lesson Plan – by week or session:

Session 1: Drone and Camera Equipment

Session 2: Learning to Fly, Safety, Weather and Regulatory Considerations

Session 3: Aerial Stills Photography: Camera Settings and Photography Techniques

Session 4: Aerial Stills Photography: Advanced Techniques

Session 5: Image Processing Techniques and Applications

Session 6: Real world examples of artistic and commercial drone applications, including aerial videography

Course Sessions: Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance.

Students must be in attendance 90% of the class time in order to be considered a successful completer of the course.

Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.

Students must complete all courses (core and no. of elective courses needed) to complete a certificate series within two years from start date of the first course taken.