

Drone Imagery Collection, Mapping, and Analysis

Day 1

- 7:30 a.m. Check-in
- 8:00 a.m. Introduction and Course Overview
Remote Sensing - Why UAS?
Introduction to Cameras
- 10:00 a.m. Break
- 10:15 a.m. Introduction to Cameras cont.
- 12:00 p.m. Lunch on your own
- 1:15 p.m. Sensor & Airframe Selection
- 2:15 p.m. Mission Planning
- 3:00 p.m. Break
- 3:15 p.m. Mission Planning cont.
- 4:15 p.m. Control Implementation
- 5:00 p.m. Adjourn

Day 2

- 8:00 a.m. Why Still Imagery / SfM?
- 9:00 a.m. Specific Mission Planning
- 10:00 a.m. Break
- 10:15 a.m. Flight Demonstrations
- 12:00 p.m. Lunch on your own
- 1:15 p.m. Flight Demonstrations (continued)
- 5:00 p.m. Adjourn

Day 3

- 8:00 a.m. Data processing in Agisoft Photoscan
- 10:00 a.m. Break
- 10:15 a.m. Data processing in Agisoft Photoscan (continued)
- 12:00 p.m. Lunch on your own
- 1:00 p.m. Data Processing in Pix4D Mapper
- 3:00 p.m. Break
- 3:15 p.m. Data Processing in Pix4D Mapper (continued)
Data Processing in ArcGIS
- 4:45 p.m. Evaluation, Course Certificates and Review
- 5:00 p.m. Course conclusion