Course Schedule - time reflects 2 on 1 instruction

Day 1
Learning Objectives: Students will become familiar with DJI’s M210 platform while developing basic UAS controllability skills by performing basic, intermediate, and advanced flight maneuvers using both right and left sticks, culminating in a Solo flight.

9:00 AM  
Ground- (PowerPoint)
Part 107 highlights
NFPA 2400
Aircraft/personal documents
Aircraft safety
Aircraft systems
M210 aircraft systems
DJI Pilot App
M210 sensor options

11:00 AM  Lunch Provided

12:00 PM  Travel to location/ Set up

1:00 PM  EP 1
Basic/intermediate/advanced maneuvers over cones

3:00 PM  EP 2
Basic/intermediate/advanced maneuvers over cones

4:00 PM  EP 3 Solo

5:00 PM  Travel back to H600 and Adjourn
UAS FIRE AND HAZMAT RESPONSE TRAINING

Day 2
Learning Objectives: Students will continue to develop their basic, intermediate and advanced flight maneuvers learned from the previous day’s lessons. Students will be introduced to crew/ single pilot resource management.

8:00 AM    Travel to Location/ set up
9:00 AM    EP 4 NIST Buckets (2 batteries)
            Short Bucket Trees (battery 1)
            Tall Bucket Trees (battery 2)
11:00 PM   Lunch – Thermal Basics
12:00 PM   Scenario Rotation (CCTC) (2 batteries)
            Hazmat – Target ID (Highway Accident)
            Building Size up – Target ID (Structure Fire)
2:00 PM    SAR Setup and Discussion (CCTC)
2:30 PM    SAR/ROS Flights (2 batteries)
            Each crew will rotate through the stations once

Day 3:
Learning Objectives: Students will use skills obtained in prior day for hazmat and size up/hotspot situations. Students will continue to develop single/ crew resource management and good aeronautical decision-making skills. Students will also become familiar with night flight physiology and overcoming visual illusions during night operations. Start/End Times Determined by Sunset Time

One Hour - Travel to Location, Setup
Two hours - Culminating Event
            Hazmat Train Derailment Event (Two flights per person, per crew role)
One Hour - Dinner
            Part 107 vs Public ops, SGI process (during dinner)
Half Hour - Night Setup
One Hour - Night EP
One and a half hour - SAR Night Cones
            Pack, Travel to H600