Course Schedule

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

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

3:00 PM  EP 3 Solo

3:30 PM  EP 3 NIST Buckets

4:30 PM  Travel back to H600 and Adjourn
Day 2
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.

12:00 PM  Travel to Location/ set up
1:00 PM    Ground – Thermal Basics
2:00 PM    Scenario Rotation (CCTC)
            Hazmat – Target ID (Highway Accident)
            Building Size up – Target ID (Structure Fire)
3 PM       SAR Setup and Discussion (CCTC)
4:00 PM    SAR/ROS Flights
5:00 PM    Culminating Event
            Hazmat Train Derailment
6:00 PM    One Hour - Dinner
            Part 107 vs Public ops, SGI process (during dinner)
7:00 PM    Night Setup
7:30 PM    Night EP
8:00 PM    SAR Night Cones