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