

UAS NIGHTTIME OPERATORS COURSE

MARCH 28-29, 2024 :: RTC @ FLORIDA F1RST, FL

10370 Charles Bo Harrison Way, Land O' Lakes, FL, 34637

For night UAS operations, the FAA maintains that an "applicant must assure all required persons participating in the small unmanned aircraft operation have the knowledge to recognize and overcome visual illusions caused by darkness and understand physiological conditions which may degrade night vision."

In this course, students identify night visual illusions and the physiological degradation occurring in darkness, then develop mitigating strategies. Students use state-of-the-art equipment to perform nighttime UAS operations couched in reality-based public safety mission sets.

Students will:

- Receive at least six hours as a member of a nighttime UAS flight crew
- Log at least two hours of flight time.
- Use thermal imagery equipped UAVs for nighttime operations
- Use Infrared equipped UAVs for nighttime operations
- Use white light equipped UAVs for nighttime operations
- Demonstrate support of nighttime public safety operations
- Understand the human physiological effects during night operations
- Identify visual illusions associated with night flying
- Develop techniques to mitigate the risks of night operations
- Examine equipment requirements for operating during hours of darkness
- Create risk mitigation strategies for night operations

Course Length: 2 Days (16 hours)

Max Class Size: 15 Students

Requirements: Strong Piloting Skills

Tuition: \$905

Time: 1400 hours

Contact: training@TheRTC.org



Register at: TheRTC.org/drone