

# Developing a sUAS Training Program

## Syllabus

### **Course Description**

This Training Program course standardizes the Crew Training Program and flight evaluation procedures. This course provides specific guidelines for executing a sUAS Training Program. The course establishes qualifications, refresher, mission and continuation training and evaluation requirements. This course applies to all sUAS crewmembers and their managers.

### **Intended Outcomes:**

Upon Completion of this course, students will be able to:

1. Learn related definition
2. Understand what makes up a Crew Training Program
3. How to establish Personnel Evaluations
4. Understand training and development standards
5. Define Training Recordkeeping
6. Write a comprehensive Training program for students organization
- 7.

### **Outcome Assessment Strategies:**

The student will demonstrate competencies related to developing a sUAS Training Program by completing and passing written tests. The student will be able to explain a Training Program concepts and Training Program Standards.

### **Text & Material**

None

### **Course Content:**

1. Introduction
  - a. Operation differences
  - b. Training Requirement
  - c. What a Training Program covers

2. Responsibilities & Definitions
  - a. Define Responsibilities
    - i. Master Trainer
    - ii. Manager
  - b. Defining the Definitions
3. Crew Training Program (CTP)
  - a. Proficiency versus Currency
  - b. Program Standardization
  - c. Managers Evaluation
  - d. Mission Level Progression
  - e. Mission Preparation
4. Evaluations
  - a. Principles
  - b. Proficiency and Readiness Test
  - c. Flight Evaluations
5. Team Task Development
  - a. New Task Documentation
  - b. Individual Task Standard
6. Team Training
  - a. Training Program Requirement
  - b. Training Strategy
  - c. Crew Training Program (CTP)
7. Risk Management
  - a. Concepts
  - b. Risk Management Process
  - c. Risk Management Tools
  - d.

### **Learning Objectives**

1. Recognize the Standards for Training Programs and procedures
  - a. Understand the elements of a Crew Training Manual
  - b. Able to establish qualifications and evaluation procedures
  - c. Able to create a “how to” source for performing crewmember duties.
2. Students will be able to define and develop an effective Training Program
  - a. Understand and develop a comprehensive CTP
  - b. Demonstrate the ability to use new definitions in conjunction with the FAA regulations
  - c. Develop Risk Management awareness within the Training Program

### **Quizzes and Final Exam**

Each module will have a brief quiz which the results will not be recorded. The final exam is recorded in the students grade file. Passing grade is 70% or better.

### **Email**

The student can get ahold of the assigned instructor at any time. Turn around time is typically 24 hours.