This course is designed to provide the knowledge base to successfully pass the Small Unmanned Aircraft Systems (sUAS) Airman Knowledge Test, Part 107. Completion of this test provides licensure for legal operations of an Unmanned Aircraft System for commercial applicators within the National Airspace System.

Participants will learn about:

- Drone laws and FAA regulations
- Weather and Micrometerology
- National Airspace System (NAS)
- Drone flight operations

After completion of this course AND FAA Exam completion, you will receive your Drone (UAS, Unmanned Airspace Systems) license. While the actual exam is not part of this two day training, we will help you schedule your date for the exam and will have you “exam ready”.

**Instructor**

The instructor for the course will be Brian Meyer. Brian has been involved with aviation since 2012, after obtaining his first pilot’s license. His licensure includes: Commercial Pilot, Remote Pilot, and Certified Flight Instructor. Brian’s experience includes directly working with licensure and education while developing curriculum aligned with Small Unmanned Aircraft Systems (sUAS). His passion is helping shape pilots in the aviation industry, as well as providing strong ties between sUAS and manned aircrafts in the future. Brian has a Bachelor’s degree with an emphasis in Aviation Management and is currently working towards his Master’s degree in Educational Leadership –Postsecondary, Technical, and Adult Education from the University of Wisconsin – Oshkosh.

**Unmanned Aircraft Systems Training**

February 4-5, 2020

held at

Fox Valley Technical College – Bodini Center

5 Systems Drive, Appleton, WI

**Course Schedule**

**Day 1 – Tuesday, February 4**

8:00 am – 7:00 pm

Module 1 – Getting Started

- Introductions/Ice Breakers
- Overview of References
- Course Materials
- Operational Materials

Module 2 – Regulations

- What is the FAA
- Part 107, Part 48
- Waivers and Authorizations

* Lunch

Module 3 – Weather

- Weather Theory
- Weather Sources
- Effects of Weather on sUAS

Module 4 – Airspace

- Airspace Classification
- Airspace Operations

* Dinner

Outside Speaker on Agricultural Applications for Drones, and What to Expect on the FAA Exam (from someone that has taken and passed the exam.)

**Day 2 – Wednesday, February 5**

8:00 am – 5:00 pm

Module 5 – Performance

- UAS Loading and Performance
- Balance and Center of Gravity
- Stability
- Maintenance and Inspection Procedures

Module 6 – Operations

- Airport Operations
- Towered vs. Non-towered Airports
- Radio Communication Procedures
- Emergency Operations
- Aeronautical Decision Making
- Physiology
- Human Factors

* Lunch

Module 7 – Preparation for Testing

- Course Overview
- Review
- Final Exam
- Practice Tests
- Booking Appointment / Getting Your Remote Pilot Certificate
To register for this course, go to www.wiagribusiness.org and click on “Registration STORE” (upper right corner of home page.)

The registration fee is $400 which includes all materials, lunch on both days and dinner on the first evening. Overnight lodging and travel will be at the expense of the participant. Also, when you do take the FAA Exam, you will be charged a $150 fee by the FAA (not included in this course registration fee).

We must have a minimum of 4 registered students in order to hold this course. The maximum number of students will be 20. The registration deadline for this course is January 24th.

A list of local motels can be provided upon request.

**Contact Information**

Name: __________________________________________________________________
Company:________________________________________________________________
Address: ... _____________________________________________________
City: ________________ State_____ Zip__________
Phone: ____________________________
E-mail: ____________________________
Cell Phone No: ____________________________

Visa, MasterCard or Discover Payments:

Card Holder: ____________________________
Card Number: ____________________________
Expiration Date: _____________ Credit card billing zip code: ____________________________