

Part 107 Drone (sUAS) Pilot Test Prep Workshop on May 1, 2021

Summary

This workshop is designed primarily for anyone who would like to become a certified remote unmanned aircraft systems pilot (14CFR Part 107). To be a drone pilot, one has to pass the FAA drone pilot test called the Airman Knowledge test. This is a two hours, 60 question test which requires in-depth knowledge of various topics. This workshop will cover the following topics, which will prepare you to take the FAA Airman Knowledge test. You will receive CEU for this workshop. Following is the schedule for the workshop.

Schedule

7:30 am to 8:00 am- Registration

8:00 am-9:40 am – Overview of the Part 107 exam, basic map reading skills, airspace classification, operating requirements, and Flight Restrictions, Questions (last 10 minutes).

20 minutes break: Networking

10:00 am - 11:40 am – Aviation Weather Sources, Effects of Weather on sUAS, sUAS loading, Emergency Procedures, Questions (last 10 minutes).

11:40 am to 1 pm lunch provided.

1:00 pm to 2:40 pm- Crew Resource Management, Radio Communication Procedures, Performance of a sUAS, Questions (last 10 minutes).

20 minutes break: Networking

3:00 pm to 4:50 pm- Decision-making and judgement, sUAS maintenance and preflight inspection procedures, sample questions, summary, Questions (last 10 minutes).

Registration Fee:

Reading material will be provided before the start of workshop. The cost of the workshop is \$100. Please contact Dr. Barsai at barsaig@ferris.edu for any questions. Please sign in using this link ([Click here](#)) and pay by check at least 10 days before the workshop. Please mail a check payable to “Surveying engineering program” to Katy Moore, 915 Campus Drive, SWN 312, Big Rapids, MI 49307.

Instructors:

Dr. Sagar S Deshpande, PS, CP is a certified remote unmanned aircraft systems pilot (14CFR Part 107), professional engineer and surveyor, and certified photogrammetrist and GIS professional. He has earned Ph.D. and master’s degrees in Geodetic Science from the Ohio State University. For the past seven years, he has taught courses in photogrammetry, remote sensing, GIS, and Surveying at Ferris State University. His research interests are the integration of different types of geospatial data for feature extraction and 3D modeling, and development of efficient techniques.

Cancellation: If you have to cancel your registration, due to limited seating, we request that you cancel at least 4 days before the workshop date. This gives us the opportunity to fill the class. You may cancel by emailing at barsaig@ferris.edu. Cancellations made 4 days or more in advance of the workshop date, will receive a 100% refund. Cancellations made within 4 days of the workshop will incur a \$100 fee.