

## COURSE SYLLABUS

Black Pilots of America Detroit Chapter Gilbert A. Cargill Non Profit  
Evening Aviation Education Course  
FAA Part 107

Tuesday & Thursday evenings, 7:00 -  
10:00p.m. South Hangars, 1 M Building,

**Remote Pilot Ground School**  
Summer & Winter Term , 3 Months

**INSTRUCTOR: Mr. Andreas, AGI**  
Office: (313) 355-6894  
Home: (313) 355-6894

**COURSE OBJECTIVE:** Learn the material required by the FAA for the Remote pilot knowledge test (Drone) with the objective of each student passing the test.

**CLASSROOM PROCEDURE:** Lecture and guided discussion.

1. Each class will begin with a review and questions from the last class (approximately 5-15 minutes).
2. Next, there will be a brief overview and core concepts for the current evening's assignment, followed by class discussion and questions.
3. When appropriate, after the class break, an in-class quiz will be administered, self-graded, and analyzed through class discussion.
4. The last 15-30 minutes of each class session will be directed toward an overview and discussion of the next class's assignment.
5. Visual aids and handouts will be used as appropriate.

**REQUIRED TEXT:** *Remote Pilot FAA Knowledge Test Prep*, by Irvin N. Gleim and Garrett W. Gleim.

**RECOMMENDED TEXT:** **Remote Pilot Small Unmanned Aircraft Systems Study Guide**, by FAA

These texts are available in BPA, GACC Bookstore at the 1M South Hangar, which is open until 8:00 p.m. each Tuesday.

### SCHEDULE

Class	Quarterly	SUAS* Study Units	SUAS ** Study Units	Topic
1	Week 1	Introduction, 1	Introduction, 11	The FAA Remote Pilot Knowledge Test
2	Week 2	1	<b>Unit 1 Test</b>	Regulations
3	Week 3	2	<b>Unit 2 Test</b>	Airspace Classification and Operating Requirements
4	Week 4	3, 4	<b>Unit 3, 4 Test</b>	Aviation Weather Services, Weather Effects on Performance
5	Week 5	5	<b>Unit 5 Test</b>	Loading and Performance
6	Week 6	6	<b>Unit 6 Test</b>	Radio Communications Procedures
7	Week 7	7	<b>Unit 7 Test</b>	Airport Operations
8	Week 8	8	<b>Unit 8 Test</b>	Aeronautical Decision Making and Physiology
9	Week 9	9	<b>Unit 9 Test</b>	Emergency Procedures, Maintenance, and Inspections
10	Week 10	Final	<b>Practice Test</b>	Review for pilot knowledge test

\* SUAS = **Small Unmanned Aircraft Systems** *FAA Knowledge Test Prep*