



## REMOTE PILOT-IN- COMMAND COURSE

### LOCATION:

Harding Room, Hyatt Regency  
Hotel Columbus

### COURSE LENGTH:

Two days, 16 classroom hrs.

### DATE / TIME:

Monday, October 7 –  
Tuesday, October 8, 2019

0800 – 1730 hours each day

### INSTRUCTOR:

#### TIM SCHUH

Assistant Professor  
College of Western Idaho

Tim Schuh grew up around aviation. He obtained his Private Pilot's license at the age of 18. He attended the University of North Dakota where it earned his Commercial Pilot's License in multi and single engine aircraft as well as Flight Instructor and Instrument Flight Instructor ratings.

Tim worked for the Grand Forks (ND) police department for 11 years where some of his duties included Field Training Officer and SWAT Operator. Tim was also the Chief Pilot for the Northeast Region Drone Unit and had been part of this unit since its law enforcement inception in 2011.

In December of 2018 Tim left the GFPD and went to work for the College of Western Idaho where he is developing a sUAS degree program.

**COURSE OBJECTIVES:** This course is designed to provide the student with a review of the Federal Aviation Regulations PART 107 Remote Pilot Certification Process. The course is a must-have for agencies to train their personnel on how to operate drones and to obtain pilot certification. This course will prepare the student to successfully take the FAA Pilot's Exam for this rating. Successful completion requires attendance at all classroom sessions.

**Maximum enrollment: 40**

**INTENDED AUDIENCE:** This course is intended for public safety personnel, both sworn and non-sworn, that are interested in obtaining their FAA Remote Pilot Certificate under FAR PART 107.

## COURSE OUTLINE

DAY ONE	MONDAY, OCTOBER 7, 2019	
0800 – 0815	Introductions & Course Review	Tim Schuh
0815 – 0915	Introduction to Public Safety Use of Drones	Tim Schuh
0915 – 1015	FAR PART 107: The Small Drone Rule	Tim Schuh
1015 – 1215	National Airspace System	Tim Schuh
1215 – 1245	Charts, Airports and Flight Safety	Tim Schuh
1245 – 1345	Lunch   On Own	
1345 – 1500	Aerodynamics	Tim Schuh
1500 – 1545	Aerial Search & Seizure and Privacy Protections	Tim Schuh
1545 – 1700	Meteorology and Interpreting Weather Data	Tim Schuh
1700 – 1730	Review and Daily Wrap-Up	Tim Schuh

DAY TWO	TUESDAY, OCTOBER 8, 2019	
0800 – 0900	Drone Missions and Applications	Tim Schuh
0900 – 1015	Human Factors: Physiology, Aviation Decision Making (ADM), Crew Resource Management (CRM)	Tim Schuh
1015 – 1115	Weight and Balance/Drone Performance	Tim Schuh
1115 – 1215	Emergencies	Tim Schuh
1215 – 1315	Lunch   On Own	
1315 – 1415	Radio Communications	Tim Schuh
1415 – 1500	Drone Maintenance and Pre-Flight Responsibilities	Tim Schuh
1500 – 1545	Remote Pilot Certification Process	Tim Schuh
1545 – 1645	PRACTICE EXAM	Tim Schuh
1645 – 1715	Exam Debrief	Tim Schuh
1715 – 1730	Course Wrap-Up and Critiques	Tim Schuh

**FAA EXAM IS NOT INCLUDED IN THE COURSE.  
EXAM MUST BE SCHEDULED AND PAID FOR SEPARATELY.**