UNIVERSITY OF Cincinnati

4/20/2017

UNMANNED AERIAL VEHICLES [DRONES]
FOR EMERGENCY RESPONDERS

20 FST 3055

One-Week Residency: May 1-5, 2017

UC Aerospace Flight Lab

Room 314, Science Building, 2220 Victory Parkway, Cincinnati, OH 45206-2837
See UC Magazine article: http://magazine.uc.edu/editors_picks/recent_features/rescuedrones.html
See Photos / PowerPoints from Aug. 10, 2016 seminar – over 150 attended:
http://ceas.uc.edu/aerospace/FireScience/continuing_education.html

Course Description: Students in this course will learn about unmanned aerial systems and how they can benefit emergency services. This course will focus on operating drones in a safe, reliable and accountable manner. Students will learn the laws, policies and privacy concerns regarding the use of this technology by emergency management agencies, including how emergency management personnel can seek FAA authorization to fly these drones in emergency situations.

COURSE SCHEDULE

May 1: INCIDENT COMMAND – FIRE & EMS

9 AM: Tom Lakamp: Assistant Fire Chief, Cincinnati Fire Department; tlakamp@fuse.net; Cell 513-266-3267; Adjunct Prof, UC Fire Science;
Clifford “Kip” Smith: Fire Academy Coordinator, Sinclair Community College; Clifford.smith@sinclair.edu; Work 937-512-2073 [retired Assistant Fire Chief]

1 pm:

Kelly Cohen: Lecture – Aerospace Research
Prof, UC Aerospace; cohenky@ucmail.uc.edu; Cell 513-766-6586

Bryan Brown – UC Aerospace – Graduate Assistant: Flight Training:
Research Associate; brownbp@ucmail.uc.edu; Cell 513-429-9335

Nathaniel Richards – UC Aerospace Graduate Assistant; richarnt@mail.uc.edu; Cell 937-823-0902

Tom Black: Part 107 Prep:
Visiting Assistant Professor; george.black@uc.edu; Cell 937-380-6201

May 2: HIGH TECHNOLOGY


Nathaniel Richards – UC Aerospace Graduate Assistant; richarnt@mail.uc.edu; Cell 937-823-0902

1 PM: Manish Kumar: Lecture: New Technologies
Associate Professor – Mechanical Engineering & Materials Engineering; kumarmu@ucmail.uc.edu; Cell 513-706-3357

Tom Black: Part 107 Preparation

May 3: LAW ENFORCEMENT / HAZMAT

9 AM:

James “Doug” Daniels
Senior Law Enforcement Training Officer – Ohio Peace Officer Training Academy
Office of Ohio Attorney General Mike DeWine
Office number: 740-845-6304
Fax number: 866-239-5451
James.Daniels@OhioAttorneyGeneral.gov

Steve Schueier (has a Remote Pilot Certificate)
Blue Ash, Ohio Police Department
sschueler@BlueAsh.com

Clayton A. Harris, VP Campus Police & Security Services, Cuyahoga Community College, Cleveland, OH: Work: 216-987-4425; clayton.harris@tri-c.edu Chair, Ohio Attorney General’s Advisory Group On Unmanned Aircraft Systems

1 PM: **HAZMAT / FIRE SERVICE APPLICATIONS**

BJ Jetter: Greater Cincinnati HAZMAT Unit; Fire Chief, Monroe Township FD, OH; jetterbj@cinci.rr.com; Cell 513-615-3768; Adjunct Prof, UC Fire Science

Cindy Striley: Greater Cincinnati HAZMAT UNIT; NIOSH Research Chemist; castriley@gmail.com; Cell 513-309-9081

Jeff Childers: Lieutenant, Miami Township Fire Department, OH; Jeff.Childers@miamitwpoh.gov ; Cell 513-767-8050

Tom Black: Part 107 Preparation

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**May 4: TRANSPORTATION EMERGENCIES / AIR CARE**

9 AM:

Fred Judson

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4170 Allium Ct. | Springfield, OH 45505 | v. 419-373-4497 | c. 614-357-0654 | f. 419-690-1135 |
Fred.Judson@dot.Ohio.gov | uas.ohio.gov | @FredJudson

Dudley Smith: Commission on Accreditation of Medical Transport Systems, dudley.smith@camts.org; Cell 513-260-4141
1 pm: Tom Black: Part 107 Preparation

May 5: LEGAL ISSUES / FAA CERTIFICATION

9 am: Larry Bennett, Esq. Program Chair, UC Fire Science & Emergency Management; Lawrence.bennett@uc.edu; Cell 513-470-2744

Tom Black: Part 107 Preparation

TEAM PRESENTATIONS – UAV CURRENT PROGRAMS