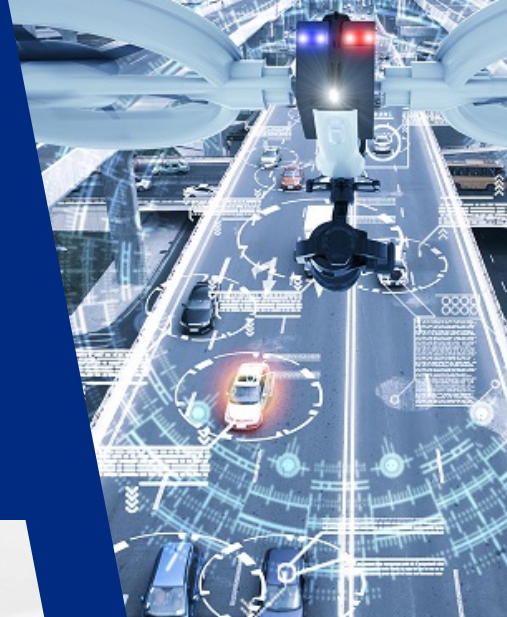


BLUE SHIELD TACTICAL SYSTEMS DRONE MAPPING AND TRAFFIC RECONSTRUCTION



\$499
24 HOURS



August 5th – 7th, 2024
Sandy, UT



BLUE SHIELD
TACTICAL SYSTEMS

Whether aerial mapping is needed for crash reconstructions, structure layouts for active-shooter responses, or cataloging critical infrastructure; the principles of this 24-hour course can be used in a variety of areas within public safety. Drone Mapping and Traffic Reconstruction covers various areas of s UAS drone implementation to include crash reconstruction, crime scene analysis, and mapping for tactical LEO responses. Participants will review the basic hardware and software required to successfully conduct investigations and missions, hardware calibration, measuring ground control points, and practical application. This is 3-day course will provide the necessary instruction on how to successfully process a crash or crime scene using aerial photogrammetry with Pix4Dmatic software. The use of the Pix4Dcatch RTK mobile application and Pix4D viDoc hardware will be included in this course. All software licensing and datasets will be provided for the duration of the class. There will be practical drone application and flights during this program depending on weather conditions. Previous drone flight data will be used when weather or other circumstances evolve.

- Course Content**
- **Photogrammetry**
 - **Image capture**
 - **Georeferencing**
 - **Verifying accuracy**
 - **Data processing**
 - **Outputs/workflow**
 - **Processing options**
 - **Quality report**
 - **Use of deliverables for crash reconstruction and forensics**

Prerequisites of the class:

Students must bring their own laptop and must meet the following:

- Windows 10 or 11, 64 bits (Windows Only)
- CPU Intel i7, i9, Xeon, or AMD Threadripper
- GeForce GPU GTX 10 series, or RTX series
- Minimum of 32 GB of RAM however 64 GB+ RAM is preferred
- SSD with a minimum of 250 GB Disk Space
- Download and Install PIX4Dmatic on their computer.

FAA Part 107 and equipment are not required to attend this course.

Contact Us:



888-970-4249



[Blueshieldtactical.com](https://blueshieldtactical.com)