

# UAS Crime & Accident Scene Mapping Advanced

Using Unmanned Aerial Vehicles (UAVs) for scene documentation has emerged as an extremely accurate and efficient tool for public safety. It is remarkable to consider that scenes can be preserved forever if seen with the naked eye, enhanced magnification, thermal imagery, or with Lidar. Proper use of this technology has truly improved the level of service provided to the public. In this hands-on course, students will:

- ⌘ Select equipment and software needed
- ⌘ Demonstrate proper scene lighting
- ⌘ Describe proper settings and techniques for photography and videography
- ⌘ Demonstrate scene mapping
- ⌘ Demonstrate data integration from UAVs, Total Station, viDoc, and other sources for 3D models
- ⌘ Collect ground control points using a GNSS system
- ⌘ Learn Pix4D, Terra, Reality Capture, Drone Deploy, Sky-Browse
- ⌘ Prepare for expert courtroom testimony

*Start time for Day-2 will be adjusted to allow for nighttime scene lighting and mapping*



**Location:** 17595 Mount Herrmann St., Fountain Valley, CA 92708  
**Tuition:** \$1,075  
**Date/Time:** April 23-25, 2025  
**Contact:** [training@TheRTC.org](mailto:training@TheRTC.org)  
**Register at:** [TheRTC.org/drone](http://TheRTC.org/drone)