



Petauro Systems® Forensic Aerial Mapping™ and 3D Modeling

August 26 – 30, 2019

Hosted by:
Longmont Police Department
10916 County Road 5
Longmont, CO



Unmanned Aircraft Systems are becoming a valuable, cost effective tool for collecting aerial images. This course teaches students how to use images to create point clouds, 3D models and orthophotos in **Pix4D** to enable them to reconstruct scenes and take accurate measurements.



COURSE CONTENT

- Theory and science of photogrammetry
- Camera properties, controls and calibration
- Best practices for acquiring aerial imagery
- Georeferencing, ground control and project accuracy
- General and advanced processing workflows
- Merging oblique and nadir imagery
- Making linear, area and volumetric measurements
- ASPRS Positional Accuracy Standards and reporting
- 3D reconstruction of scenes and vertical structures
- Generating video animations
- Case law, validation testing and error reporting



This course is approved
for 40 ACTAR CEUs.

Tuition: \$750

NAPARS/SOAR Members: \$650

Register online at www.petaurosystems.com