



Petauro Systems® Forensic Aerial Mapping™ and 3D Modeling

April 24 – 27, 2018

Hosted by:
Fort Collins Police Services
2221 S. Timberline Road
Fort Collins, 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.



This course is approved
for 32 ACTAR CEUs.

Tuition: \$750

Colorado certified officers may be eligible for POST scholarship funds for this course. Please visit our website for additional details.

COURSE CONTENT

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

Register online at www.petaurosystems.com