

Abstract: Low-light and Night Photography

This Workshop has been approved for 4 hours of new certification and recertification credit by the IAI Crime Scene Certification Board

Most photographers associate low-light photography with working indoor or nighttime crime scenes. Yet anytime your shutter speed drops below 1/60 second or your ISO goes above 400 you are probably dealing with a low-light situation. Knowing how to effectively deal with low-light conditions will significantly expand your photographic repertoire.

This presentation is designed to help photographers of all levels of experience obtain better low-light images whether photographing crime scenes and evidence in the lab. Topics will include:

- ◆ Forensic uses for low-light photography.
- ◆ Equipment and camera settings for low-light photography
- ◆ Long exposure ambient light photography
- ◆ Painting with light using off-camera portable flash (speedlights)
- ◆ Painting with light using LED flashlights
- ◆ Documenting chemiluminescence reactions using time exposures: Luminol and Bluestar
- ◆ Documenting laser trajectories using time exposures
- ◆ ALS fingerprint photography and painting with light using ALS for more even illumination of larger evidence items

Attendees seeking a workshop certificate must participate during in-class painting with light, laser trajectory, Bluestar latent blood chemiluminescence and ALS photography exercises. The 2-hour night shoot consisting of long exposure, outdoor painting with light and outdoor laser trajectory exercises is also mandatory for workshop credit. Flashlights, speedlights and other low-light photography equipment will be available for use during the workshop, and participants are encouraged to bring the camera, flash and tripod used in their job to practice the techniques discussed during the lecture. For our guests travelling from out-of-state there will be a limited number of cameras and tripods available for use during class.