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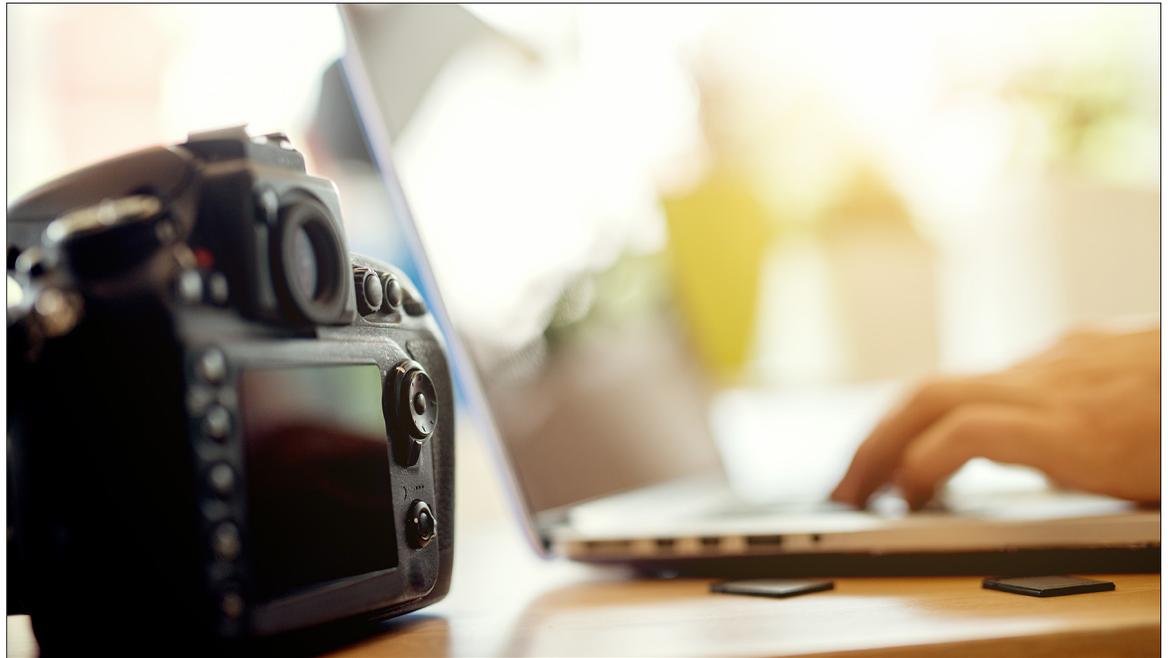
Courses are presented in partnership with the International Association for Identification.

#### ADA / Special Accommodations

To ensure we can accommodate persons with special needs who wish to attend our courses, please be sure to identify the accommodation needed when you register, or if applicable, at the time you register by phone.

#### Host a course

By hosting one of our courses, you will be providing your agency's personnel and the forensic professionals in your area with a high-quality training opportunity, right in your local area. This means less cost to you or your agency for expenses such as travel, lodging, and meals, and less time away from home and family. Plus, hosts can qualify for tuition savings. For more information, visit [tritechtraining.com](http://tritechtraining.com).



# Basic Forensic Image Processing

**Instructor: Natalie Kirk, MA**

**February 5 - 7, 2020 | 8 am - 5 pm**

**Tuition: \$387**

#### Location:

Delray Beach Police Department - Seacrest Training Center  
2350 N Seacrest Blvd. | Delray Beach, FL 33444

#### Lodging Information:

Hyatt Place Delray Beach  
104 NE 2nd Ave | Delray Beach, FL 33444  
561-330-3530

**Room Rate:** \$203 per night plus tax (GSA Rate)

**Booking Info:** Call the hotel's reservation line and mention the Delray Beach PD training course to receive the special rate.



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## ABOUT TRITECH

A leader in the forensics market, Tri-Tech Forensics provides evidence collection and crime scene investigation products and training to crime labs and crime scene investigators throughout the world. With over 30 years of experience, we are the nation's most proficient developer and manufacturer of forensic kits. We are committed to providing our customers with state-of-the-art forensics products and services at affordable prices. It is our goal, through our research and development program, to continue to develop superior products and training to aid in all aspects of crime scene investigation and crime lab analysis. We know how important our products and training are to the forensics community, from investigation to prosecution. Our mission is the same as our customers – *Identify. Protect. Preserve.*

## COURSE DESCRIPTION

# Basic Forensic Image Processing

The use of Photoshop for the purposes of forensics is to enhance the visibility and to emphasize and/or isolate existing information within the image. The use of Photoshop by untrained individuals can render an image inadmissible in court. This course will be of interest to forensic photographers and others engaged in the enhancement of forensic images who have limited experience using Photoshop or are unfamiliar with the use of Photoshop.

Emphasis in this course is placed on the enhancement of images intended for comparative sciences such as fingerprints and footwear, tire track, or toolmark impressions. Students will be introduced to digital darkroom techniques that can be employed to images to enhance their visibility without adding artifacts or new information.

### File types

- What is Compression?
  - Lossy vs Lossless

### Bridge

- Viewing and Organization
- Catalogs and Renaming
- Other

### Adobe camera raw

- Batch corrections

### Opening Photoshop

- Setting up the Workspace
- Preferences
- Panels
- Tools

### Image Calibration

- Resolution
- Cropping and Canvas Size

### Layers & Adjustments

- Layer types
- Filters
- Masking

### Channels and Color Modes

- Color Modes
- Channel Separation

### Overlay Techniques and Blending

- Panoramas
- Focus Stacking

### Actions

- How to create a set of actions
- Pros and cons

### Preparing Figures

- Text
- Shapes
- Arrows and Lines
- Enlargements

## COURSE INSTRUCTOR



### NATALIE KIRK, MA, MFA

Natalie Kirk earned two master's degrees in photography from the University of Wisconsin Madison while working as a laboratory manager for the College of Soil Sciences. She specializes in biomedical photography and its application in pre-clinical and clinical research; including procedure documentation, wound analysis, and microstructure visualization.

Natalie has extensive knowledge of optical devices and integrous image processing including use of Photoshop for the purpose of biocommunication, research translation, and forensic applications.

In addition to being an instructor of digital photography with the University of Utah since 2017, Natalie has served on a panel for the Utah State Board of Education to evaluate and rewrite the qualifying exam for instructors.