# FORENSIC PIECES TRAINING & CONSULTING

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### LOW LIGHT, NIGHT AND INCLEMENT WEATHER PHOTOGRAPHY FOR CRIME SCENE AND TRAFFIC HOMICIDE INVESTIGATORS

By Robert Wyman Certified by IAI In Association with Forensic Pieces, Inc.

### ABOUT YOUR INSTRUCTOR:

Robert Wyman formerly served as a traffic analyst, traffic engineer, and emergency management coordinator for the Miami-Dade County government. This prepared him for his next role in a civilian position as special events coordinator for the City of Miami Police Department and allowed him to start a full-time private practice in 1988. Later, Wyman continued education in the fields of traffic crash reconstruction, forensic science, and digital photography. Robert is now the President of Wyman Enterprises, Inc., which provides forensic photography and evidence documentation services for both civil and criminal cases. Mr. Wyman has also been accepted as an expert witness in federal, state, and local courts. Much of his work in traffic crash reconstruction and evidence documentation has been published in multiple books, articles, magazines, and industry newsletters. He also is a frequent guest speaker at conventions, seminars, and local association meetings for private investigators, paralegals, attorneys, traffic crash reconstructionist and crime scene investigators. Wyman's latest advancements are in the emerging integration of Smartphone "Apps" with the forensic and investigative workflow.



ROBERT WYMAN

COURSE DATES: FRIDAY, JULY 14, 2017 6:00PM – 11:00PM LOCATION: ST. PETERSBURG POLICE DEPARTMENT 1300 1<sup>ST</sup> AVENUE NORTH ST. PETERSBURG, FL 33705

RECOMMENDED LODGING: HAMPTON INN & SUITES DOWNTOWN 80 BEACH DRIVE SE ST. PETERSBURG, FL 33701 PHONE: (727) 892-9900

HOSTING AGENCY: ST. PETERSBURG POLICE DEPARTMENT HOST CONTACT: JALIKA WAUGH (727) 893-7590 OR JALIKA.WAUGH@STPETE.ORG \*TO REGISTER CONTACT US AT (850) 332-0141 OR INFO@FORENSICPIECES.COM\*

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# ST. PETERSBURG POLICE DEPARTMENT

## LOW LIGHT, NIGHT AND INCLEMENT WEATHER PHOTOGRAPHY

## **COURSE DESCRIPTION**

This exciting training opportunity is a 5 – hour presentation at night focusing on several techniques for low light, night and inclement weather photography. It will cover basic camera settings and functions, ambient light photography and different types of inclement weather photography, as well as use of smart phones to enhance photography in these types of conditions. These and many other important techniques taught in this course are meant to be used by traffic investigators and crime scene investigators that are required to take quality photographs in tough lighting situations. The first half of class is to be conducted at the hosting agency in a classroom setting while the second will be held at a nearby location for several thought-provoking and engaging field exercises that practice different lighting and photography techniques in difficult photo-taking scenarios.



## **COURSE TOPICS:**

- Automatic and manual camera settings
- Utilization of built-in camera flash units
- Use of external flash units
- Recording images in difficult
  lighting conditions
- Ambient light photography
- "Painting with light" photography
- Dawn, dusk and low-light photography
- Moon phase influence on photography (light from the full to new moon)
- Inclement weather photography; rainstorms, fog, wind and dust
- Utilization of Smartphone
  "apps" to supplement
  photography tasks
- Lasers
- Infrared (IR imaging)

### WHAT TO BRING TO CLASS:

- Casual attire is suitable
- Digital camera equipped
  with Tripod
- Remote shutter release (wired or wireless) (optional)
- A laptop Computer for note-taking is recommended
- Polarizing filter (specific size for each attendees camera lens)
- Flashlight for "painting with light" exercise
- Penlight to see camera

### WHO SHOULD ATTEND?

Crime scene investigators, traffic homicide investigators or anyone needs to take high quality crime scene photographs in low light or inclement weather situations.