

COST: \$595 PER STUDENT

PLEASE MAKE CHECKS PAYABLE TO: FORENSIC PIECES
MAJOR CREDIT CARDS ACCEPTED
TIN# 900496490
FAX/MAIL TO FORENSIC PIECES (CONTACT INFO BELOW)

REGISTRATION FORM

NAME: _____

TITLE: _____

AGENCY: _____

ADDRESS: _____

CITY: _____

STATE/ ZIP: _____

PHONE: _____

EMAIL: _____

**CAMERA TYPE WITH EXACT
BRAND NAME AND MODEL NUMBER:**
(IMPORTANT, PLEASE DO NOT LEAVE BLANK)

* Cancellation and refund policy in effect. Please visit
<http://forensicpieces.com/hosting-and-attending-courses-faq>

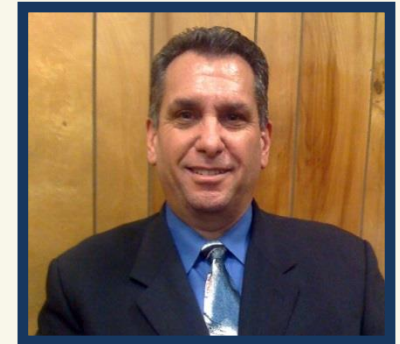
**BASIC TO ADVANCED
FORENSIC PHOTOGRAPHY**

By
Robert Wyman

Co-Instructor for 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 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 reconstructionists 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: MARCH 12 – 16, 2018
8:00 AM – 5:00 PM

LOCATION: PACIFIC PLACE
59 GROCE ROAD
LYMAN, SC 29365

RECOMMENDED LODGING: HAMPTON INN & SUITES
108 SPARTANGREEN BLVD
DUNCAN, SC 29334
PHONE: (864)486-8100

****BOOK HOTEL ROOM EARLY TO GET GOVERNMENT RATE**

HOSTING AGENCY: LYMAN POLICE DEPARTMENT
HOST CONTACT: BRIAN TEAL (864)345-4192 OR BTEAL@LYMANSC.GOV

****TO REGISTER CALL US AT (850)332-0141 OR VISIT WWW.FORENSICPIECES.COM****

**BASIC TO ADVANCED
FORENSIC PHOTOGRAPHY**

COURSE DESCRIPTION

This exciting 5-day training event provides classroom presentations and outdoor exercises, both day and night, suitable for most Crime Scene and Traffic Crash Reconstruction assignments. The course starts with a discussion about “seeing light” and understanding the importance of the photographic documentation task, including modernizing agency SOP’s to include the latest technologies. Up next are basic camera settings and functions, many of which are not understood without specific training, especially for photographers who only shoot in Automatic or Program camera modes. After covering these camera settings, the subjects of lenses, flash units, tripods and other accessories will be discussed, each within the context of investigative assignments. Since crimes and traffic crashes don’t always occur on sunny days, equipment and techniques for photographing scenes during inclement weather will also be demonstrated.

Some scenes and points of evidence may require special photographic documentation, so the course will discuss these real-world situations. Microscopic, macro, impression evidence, reflective and transparent surfaces, confined spaces, lasers, elevated and aerial photography will each be demonstrated. Often equal to photographic documentation are the scene measurements recorded for diagrams and computer graphics, and we will discuss coordinating photos and measurements using laser scanners, total stations, GPS devices and hand measurements. Injury and autopsy photography will be also be presented via PowerPoint examples.

Many attendees find the night photography sessions to be extremely useful, so we will have at least one evening session, and more if time and attendee schedules allow. Exercises using camera flash units, steady-burn lamps, ambient light and painting-with-light will be conducted. Finally, utilization of Smartphones in the photo-documentation workflow will be discussed throughout the course, as this is a valid tool... even if some agencies continue to resist approval for such devices.



COURSE TOPICS:

- The importance of Photography Tasks in an Investigation
- Photography Workflow
- Image Accuracy
- The Photo Essay
- How a Camera Records Light: The Shutter, Aperture and ISO Settings
- Exposure Value
- Buttons, Switches, Menus and Displays
- Lens Choices
- Sensors and File Formats
- Camera Accessories, Tripods, Mounts and Lighting Devices
- Typical Assignments and Photographic Solutions, including Macro, Microscopic, Textured Surfaces/Impression Evidence, Reflective Surfaces, Transparent Surfaces, Confined Spaces, Trajectory Analysis Photography and Autopsy Photography
- Lighting Equipment and Techniques to Best Record Your Scene
- Lighting Techniques for Large Scenes
- Eliminating Unwanted Camera Flash Reflections from Marked Police/Fire Vehicle Graphics and Nearby Traffic Signs
- Ambient Light Photography – Accurate Scene Illumination
- Elevated and Aerial Photography
- Introduction to Laser Photography
- High Dynamic Range (HDR) Photography
- Camera Maintenance and Sensor Cleaning

WHAT TO BRING TO CLASS:

- Casual attire is suitable
- REQUIRED MATERIALS:**
- Any Digital Camera that includes Shutter Priority, Aperture Priority, and Manual modes. Note: Fully-automatic “point and shoot” cameras will not provide the functions needed for this class.
 - Tripod and camera attachment plate (if any)
 - Flashlight or Penlight to see camera controls at night (One will be provided)
 - Camera Operator’s Manual for reference during class
(printed or PDF on computer/tablet/phone)

OPTIONAL MATERIALS:

- Wired or Wireless Shutter Release/Remote Control
- Off-Camera Flash Cord

WHO SHOULD ATTEND?

This course is for Crime Scene and Traffic Homicide Investigators, as well as anyone who needs to learn about camera settings and techniques suitable for modern evidence documentation tasks. Upon completion, attendees will have a better understanding of their camera equipment and how to utilize these tools when responding to typical incidents.