



PERPETUAL

LEARNING INSTITUTE

Retired Sheriff Jerry Watson C.E.O.
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<https://perpetuallearning.net/>

Advanced Crime Scene Investigations. Course tuition \$450.00

Instructor- Tim Whitfield-Dunedin Florida **Date-** November 4-8th, 2019 **Location-** Grand Island NE Site-TBD.
To Register: <https://perpetuallearning.net/> or **contact Jerry Watson at jerry@perpetuallearning.net, cell 308-379-2417.**

Advanced Crime Scene Investigation Course is a five-day course taught by Tim Whitfield. This course includes all the cutting-edge processing for crime scenes. **Motel Accommodations-** Boarders Inn, 3333 Ramada Road, G.I. Advise you are attending a PLI School to receive a reduced rate. \$84.95 per day, free breakfast.

Class Description. Advanced Crime Scene Class (5 Day)

Day One

Review of Basic Class Information
Review of Basic Print Development Methods
Review of Presumptive Testing of Body Fluids: Blood, Seminal Fluid Etc,
Brief Review of Light Energy Applications at the Crime Scene and in the Lab
Latest Information on Private Crime Lab Capabilities (M-Vac, Tooth Enamel, Trace Particles, Etc.)

Day Two

Comparison of Basic Latent Print Powders
Comparison of Basic Latent Print Luminescent Powders
Comparison of Basic Magnetic Powder to Mag Nuclei Powder
Time and Conditions for Use of Magnetic Powder versus Chemical Development
Comparison of Luminescent Magnetic Powders
Comparison of Chemicals Associated with Amino Acid Reactions

Day Three

Tool Mark Development and Collection
Dust Print Development - Collection and Recording
Trace Metal Detection
Gun Bluing on Brass
Silver Nitrate on Metals
Gun Powder Particle Detection
Serial Number Restoration

Day Four

Print Development on Human Skin Methodology
Print Development Methods Using Lipid Association (Attachment/Reaction)
Ruthenium Tetroxide
Physical Developer
Enhancing the Prints Developed by Cyanoacrylate Fuming
Vacuum Metal Deposition and RUVIS Discussed
Comparison of Methods Used for Print Development on Adhesive Surfaces

Day Five

What is Blood, Proteins Stains Versus Heme Reacting Chemicals Presumptive and Human Factoring of Suspected Blood
Leuco Crystal Violet Species Determination from Blood
Amido Black Luminol Versus Blue Star Magnum
Crocein Scarlet

Final Examination

TIMOTHY A. WHITFIELD

About the Instructor

Tim Whitfield has been involved in the field of Forensic Science since 1975 when he began his career with the Pinellas County Sheriff's Office. Tim retired from the Sheriff's Office on December 1, 2004 after serving as the Director of the Forensic Science Section for over 12 years. While in Pinellas, Tim was responsible for a 4-million-dollar forensic budget and commanded a staff of 47 Scientific Investigators – one of the largest forensic response sections in the United States. In July of 2005, after a short retirement, Tim returned to law enforcement and served as the Director of the Scientific Investigation's Section of the Hernando County Sheriff's Office until his 2nd retirement in 2017. In addition to Tim's duties in both Pinellas and Hernando, he also doubled as the Team Leader for the Florida Sheriff's Association State-Wide Forensic Task Force providing major case investigative services to all of Florida's 67 counties. During Tim's 42 years in law enforcement, he also served as the State Crime Scene Chairperson for the Florida Division of the International Association of Identification and also sat on the Science and Practices Committee.

Mr. Whitfield's background in Forensic Science is extensive. Tim has been an adjunct professor at Saint Petersburg College and St. Leo University where he was instrumental in helping to establish both forensic science programs, having authored and instructed all 6 forensic courses at St. Leo University. Tim has also been an adjunct instructor in Forensic Investigation classes at the Institute of Police Technology and Management out of the University of North Florida since 1987, having taught classes internationally and in over 40 states.