

**Instructor:**

**John H. Olenik, B.S., EES.**

Mr. Olenik recently retired from the Ohio Bureau of Criminal Identification and Investigation, with over 27 years of crime lab experience, including four years as a branch lab supervisor. His specialty was latent fingerprints, which included fingerprint processing, crime scene search, comparisons, and courtroom testimony. He was also responsible for photography at the branch lab.

Mr. Olenik's fingerprint experience and science background has led him to conduct his own experimentation and research in the use of cyanoacrylates (Super Glue) in the development of latent fingerprints. As a result, he has developed two widely used techniques and has published numerous articles on the processes. He has also developed several solvent systems for fluorescent dye staining techniques on cyanoacrylate developed prints, and some photographic techniques for the capture of fluorescent fingerprints, which was published in Kodak's magazine, Tech Bits. His research has been published in both the Journal of Forensic Science and the Journal of Forensic Identification.

Back in 1992, he started a Super Glue workshop for law enforcement agencies in Ohio to show officers how to properly fume and to demonstrate the various techniques available. These workshops are now being held throughout the U.S. In 1993 he developed a brilliant dye solution which was more intense than anything previously formulated; this process was then introduced at the FBI's International Fingerprint Symposium, at Quantico, Virginia. In 1994, Mr. Olenik was an invited guest speaker at an International Forensic Symposium held in Moscow, Russia. Upon his retirement he was presented with an award by the Governor of Ohio, for his tireless research in developing inexpensive vacuum chambers for fingerprint development, and having chambers built for all of the Ohio Bureau of Criminal Identification and Investigation (BCI&I) State Crime Labs.

## Fingerprinting Difficult Surfaces

Specialized Training Course

**Aug 24, 2009**

**0830 – 1530**

**(6 hours)**



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**Criminal Justice Institute  
Hillsborough Community College**

## Fingerprinting Difficult Surfaces

This workshop is designed for all law enforcement officers that are involved in evidence gathering and/or crime scene processing. This is a six hour specialized training course and is approved for **Mandatory Retraining** only.

Officers and investigators who use these techniques are sure to increase the number of latent fingerprints found on evidence. This results in more suspect identifications and results in better physical evidence for court, which ultimately means more successful convictions. The information presented in this class will help upgrade your departments capability in the latest technology and techniques in this area. Many cost saving tips and techniques will be presented which can save your department money, especially now that budgets are so tight.

Topics of instruction will include:

- ◆ How to utilize fingerprint powders correctly will be discussed with emphasis on various powder types, and brushes.
- ◆ Several lifting techniques will be described and demonstrated such as the differences between hinge lifters, clear lifting tape, frosted lifting tape, and poly tape.
- ◆ Magnetic fingerprint powders will be described and demonstrated, with hands-on training to follow.
- ◆ Novel lifting and preservation methods will be discussed and demonstrated, which will include Pentel rol-n glue, Mikrosil and Accutrans.
- ◆ Wet papers and the techniques used to develop and preserve fingerprints from these surfaces will be demonstrated.
- ◆ Processing of latex and vinyl gloves for latent fingerprints. These 2 techniques are used and developed by police agencies in Europe.

***Student are encouraged to bring items for fingerprint processing purposes!***

**Instructors:** John H. Olenik

**Date and Time:** August 24, 2009  
0830-1530

**Location:** Ybor Campus  
Public Service Bldg.  
Tampa, Florida

**Enrollment:** 15 Students

**Registration**

**Deadline:** Aug 10, 2009

This is a Criminal Justice Standards and Training Commission Trust-Funded Course for Region IX.

**Officers in Region IX attend free of charge.**

In order to attend, all officers are required to process the appropriate paperwork through their respective agencies.