

Bertino Forensic Science 4-Day Summer Institute

2015

Whether you are teaching a course in forensics or looking for ways to integrate forensics into your existing math or science curriculum, you will find this course to be extremely useful. The course content can be expanded to challenge the needs of the AP, accelerated or honors students or it can be used to motivate and engage students who would otherwise shy away from math and science.

Three sessions: (Same material presented each session)

Title: *Bertino Forensic Science 4-Day Summer Institute*

Dates: Session 1 June 29th - July 2nd (Monday-Thursday)
Session 2 July 6th – July 9th (Monday-Thursday)
Session 3 July 13th – July 16th (Monday-Thursday)



Location: Scotia-Glenville High School, Scotia, NY 12302 (near Schenectady, NY)

Cost: \$550 Includes textbook, binder and materials, lab costs, Sherlock Bones® tutorial CD-rom
Payment by school or personal check or purchase order.

Information: Contact Patti Nolan Bertino at nolanp@nycap.rr.com or call 518-384-1718

Registration: Go to our website www.bertinoforensics.com

Also available on the website is information pertaining to housing, detailed four-day institute summary, and links to our forensic webinars.

For more information, visit <http://www.bertinoforensics.com>

Forensic science:

- Incorporates math, biology, chemistry, physics, technology, and writing skills.
- Provides a means to integrate skills around a theme of problem solving a mystery.
- Addresses the following with hands-on activities, labs, interactive computer activities, case studies and Power Point Presentations: **Evidence collection**; Trace evidence including: hair, fiber and pollen; **Time of Death determination** using rigor, algor and livor mortis and Forensic Entomology; **Blood spatter**; **DNA fingerprinting**; **Impression evidence**: fingerprints, foot, dental and tire, tool mark evidence; **Bone analysis and osteobiography**; **Ballistics**; **Glass**; **Soil and Sand analysis**; **Chromatography**; **Hand writing analysis**; and **Drug analysis**.
- **Special emphasis** will be placed on **lab set-ups and organization**, **cost reduction options** and **meeting the needs of heterogeneous students**.
- Participants receive **Forensic Science: Fundamentals and Investigations**, 2nd edition, published by Cengage Publishing, a binder of additional activities, case studies and extended objective sheets for each topic. The course is presented by Anthony (Bud) Bertino and Patricia Nolan Bertino, co-authors of this forensic science textbook.