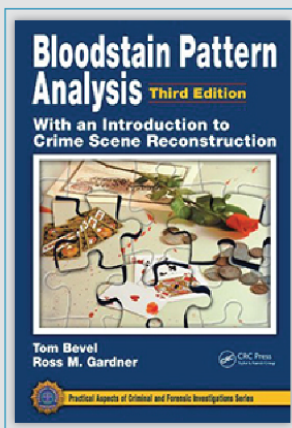


Bevel,  
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*A forensic education and consulting group.*

# BLOODSTAIN PATTERN ANALYSIS I



**HOSTED BY:**

New River Community College

July 27-31, 2026

Tuition: \$745.00

## COURSE INSTRUCTORS

Kenneth F. Martin currently holds the rank of Detective Lieutenant with the Massachusetts State Police and has been a member of the department for thirty-one years. Detective Lieutenant Martin is the Commanding Officer of the Crime Scene Services Section, which has been accredited by ASCLD-Lab under their legacy program. In addition to overseeing the state's seven CSSS laboratories, he is an adjunct instructor in the forensic biomedical program at Boston University's School of Medicine. Mr. Martin has a B.A in Biology; a B.S. in Criminal Justice; a M.S. in Criminal Justice and a graduate of the FBI's National Academy 192nd session. Mr. Martin is a past president of the International Association for Identification and presently the IAI's representative to the Consortium of Forensic Sciences. In addition to lecturing and having been published in the Journal of Forensic Identification, he is certified by the IAI as a latent fingerprint examiner, footwear examiner, bloodstain pattern analyst, and senior crime scene analyst. Mr. Martin has served as a member of various working groups including the General Forensics Technology Working Group (TWG), the Scientific Working Group on Friction Ridge Analysis, Study and Technology (SWGFAST), the Scientific Working Group on Bloodstain Pattern Analysis (SWGSTAIN) and the Office of Law Enforcement Technology Commercialization (OLETC). Mr. Martin also participated on the NIJ/NIST Expert Working Group on Human Factors in Latent Print Analysis, and the International Association of Chiefs of Police Forensic Science Committee.

*\*Course instructors subject to change.*

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## REGISTER

ONLINE: [www.BEVELGARDNER.com](http://www.BEVELGARDNER.com)  
PHONE: Craig at 405-706-8489

## COURSE TOPICS:

- > A Historical Perspective
- > Bloodstain Pattern Taxonomy & Terminology
- > Bloodstain Classification Decision Map
- > Utilizing Bloodstain Patterns in the Investigation
- > Blood Droplet Dynamics
- > Bloodstain Documentation
- > Determining Area of Origin
- > Laboratory Experiments
- > Stringing Method Practical

## STUDENTS WILL LEARN HOW TO:

- > Document a bloodstained scene.
- > Interpret bloodstain patterns to identify what actions produced these stains.
- > Identify area of convergence.
- > Identify area of origin.
- > Identify minimum number of impact blows.
- > Apply the scientific method to questioned stains.
- > Apply the scientific method in statement analysis.

## OBJECTIVES:

- > Demonstrate knowledge of the development, history and advancement of bloodstain pattern analysis.
- > Define the inherent limitations of bloodstain pattern analysis as a forensic discipline.
- > Identify key bloodstain patterns using a taxonomic classification system and understand the mechanism by which they are created.
- > Determine impact angles and area of origin for spatter patterns.
- > Describe proper protective measures to follow in a blood stained scene.
- > Demonstrate an ability to evaluate a basic bloodstain pattern scene.
- > Demonstrate the ability to properly document a blood stained scene by measuring and photo documentation.

## STUDENTS SHOULD BRING, IF POSSIBLE:

- > Old clothing suitable for painting
- > Camera
- > Calculator with trig. functions

## STUDENTS WILL RECEIVE:

- > Text book *Bloodstain Pattern Analysis, 3rd edition* by Bevel & Gardner
- > Lab manual

## STUDENTS WILL COMPLETE:

- > Ten experiments with whole blood
- > Analyze multiple bloodstain patterns

**Recommended hotels** for each class location are listed online at [www.bevelgardner.com/calendar](http://www.bevelgardner.com/calendar).

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