

FORENSIC SCIENCE

with Dr. Sanatore



Students: Canvas Inbox ONLY **Parents:** Canvas Inbox or asanatore@fpeusa.org

FPA's Forensic Science course explores how forensic scientists collect and analyze evidence during criminal investigations. Course topics include crime scene investigation, evidence collection, evidence analysis (fingerprints, DNA, blood, fiber, ballistic, arson, documents/ink), forensic autopsy, forensic toxicology, forensic entomology, forensic anthropology, forensic psychology, and more. Throughout the course students will complete hands-on labs to investigate many of these topics.

COURSE TOPICS

UNIT 1

Observation skills/Deductive Reasoning
Investigation Process (Steps of CSI)
Types of Evidence
Evidence Collection
Criminal Trials
History of Forensics
Careers

UNIT 2

Hair Analysis
Fiber Analysis
Fingerprint Analysis
DNA Fingerprinting
Blood Analysis
Ballistics
Arson

UNIT 3

Death Investigation
Toxicology
Autopsy
Forensic Entomology
Forensic Anthropology
Forensic Odontology

UNIT 4

Forensic Psychology/Psychiatry
Criminal Profiling
Forensic Interviewing
Psychopathy
And more!

EXPECTATIONS

While our textbook is a great source for information, the bulk of the content for this course will be provided during Live Class (i.e., you cannot "survive" by just reading the textbook). It will be essential for you to either attend the Live Classes or watch the recordings.

Review of notes taken during class will be necessary to successfully complete assignments, lab activities, and to study for the quizzes and unit tests.

I have designed **Unit Notes** to assist you in the note-taking process. These will be graded for completion at specific points throughout each unit.

Cursive Writing

Throughout the course you will be required to submit certain assignments in cursive. If cursive is required, it will be clearly stated in the directions. Unit Notes and Worksheets do **NOT** require cursive writing.

Technology

Students will need to have a **working headset and microphone** when attending Live Class.

See Section 3 of the Student/Parent Handbook for a complete list of technology requirements.

Also see: <https://fpeusa.org/admissions/tech-equipment>

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GRADING

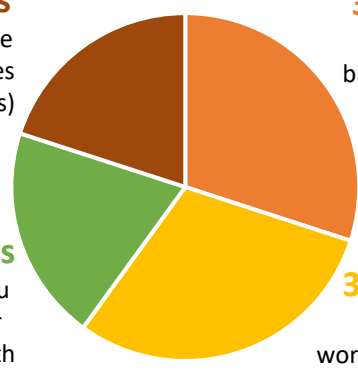
Late Policy: See Section 6 of the Student/Parent Handbook. All assignments will have a due date and time. Late work will receive a score of zero. Other than acts of nature, student illness, technology problems, and family emergencies, no exceptions will be made to established due dates. Your **parent** must notify me to request an extension.

20% Unit Notes

Each unit I will provide you with Guided Notes (based on the lectures) for you to complete.

20% Lab Activities

Lab activities provide you with an opportunity for hands-on experience with the concepts that we are covering!



30% Tests & Quizzes

Tests and quizzes will be based on the material covered in the lectures, homework assignments, and lab activities.

30% Assignments

These consist of both worksheets and other written assignments.

Life Happens... I will drop the lowest grade in the Notes, Lab, and Written Assignments categories (3 total) each semester.

REQUIRED MATERIALS

Textbook:

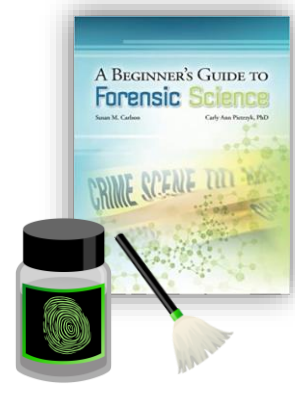
Carlson, S. M., & Pietrzyk, C. A. (2013). A beginner's guide to forensic science. Quantum Scientific Publishing. ISBN: 978-1494294960

Lab Kit:

Crime Scene Science Kit (SKU-KT-CRIMSCI) from Home Science Tools

Other:

- 2" Binder with divider tabs
- Writing/Coloring Utensils
- Household items for additional labs



IMPORTANT

Show respect to all those in our school community

Treat others how would like to be treated.

Listen carefully and respectfully to others.

Bring a positive attitude to all that you do.

Don't be afraid to ask for help!

Make an effort to produce your best work at all times.

LIVE CLASS

Live Class:

Section 1: Mondays & Wednesdays 2:00-2:50 p.m. CT

Section 2: Mondays & Wednesdays 4:00-4:50 p.m. CT



~Make live class attendance a high priority. Arrive a few minutes early to set up audio and prepare.

~Focus, be attentive, and participate...we are going to have some fun!!

Teacher Talk: Thursdays, 4:00 p.m. CT