

Introduction to Forensic Science

Grades:	8th – 11th
Day of Week:	Tuesday
Time of Class:	1:00 – 2:30 pm ET
Length of Class:	20 weeks
Semester:	Fall & Winter
Tuition:	400.00

High School Credit: **1 Lab Science**

Class Dates:

Fall Semester

Week 1: Week of October 4

Week 2: Week of October 11

Week 3: Week October 18

Week 4: Week of October 25

Week 5: Week of November 1

Week 6: Week of November 8

Week 7: Week of November 15

No classes: November 22 – November 26 (Thanksgiving Week)

Week 8: Week of November 29

Week 9: Week of December 6

Week 10: Week of December 13

Make Up Week: Week of January 3

Winter Semester

Week 1: Week of January 10

Week 2: Week of January 17

Week 3: Week of January 24

Week 4: Week of January 31

Week 5: Week of February 7

Week 6: Week of February 14

Week 7: Week of February 21

Week 8: Week of February 28

Week 9: Week of March 7

Week 10: Week of March 14

Make Up Week: Week of March 21

Instructor's Name: Sarah Pope
Instructor's Email: sarah@ebbingtides.com
Instructor's Phone: (757) 567-4601
Instructor's Whats App: (757) 567-4601

Description of Class:

This is an introductory course in all things Forensic Science. Students will sharpen their sleuthing skills by applying deductive reasoning to weekly “crime files”, discover various career pathways in forensic science, as well as, form a solid foundation in blood splatter analysis, dactylography, forensic pathology, botany and entomology.

Class Approach:

This course is designed to give students a broader understanding of what a forensic scientist does. Through hands on labs, internet quests, and job shadowing opportunities, students will take an interactive approach to online Forensic Science.

Goals:

Using case studies, online simulations, at home labs, videos and readings, students will gain a deeper understanding of forensic science.

Textbook:

The teacher will provide a PDF file of
Forensic Science: Fundamentals and Investigation.

Students who wish to purchase the book may do so using the following ISBN:

Forensic Science: Fundamentals and Investigation.

Student Edition ISBN 13: 978-0-538-44586-3

Student Edition ISBN 10: 0-538-44586-6

Additional Supplies/Resources Needed:

- Webcam

- Headset/with microphone
- Printer
- writing utensils and paper
- Notebook or binder
- Scissors & glue
- Video recording capabilities (webcam or mobile device can be used)

Most of the items needed for labs are everyday items you may already have in your kitchen. Some materials include:

- Ink pad
- Balloons
- Red paint
- Flowers
- Shoes
- Mud

Weekly Homework:

Expect at least 2 hours of homework per week, including readings, graphing, labs, and questions.

Homework Policy:

All homework is expected to be completed by the due date.

Quizzes and graded online assignments are developed using homework questions.

Additional Policies:

Attendance and participation during class and discussions is expected of all students.

Evaluation:

Weekly quizzes and labs will be assigned.

Grading Scale:

Weekly assignments	25%
Labs	25%
Quizzes	25%
Projects	25%

Anticipated Weekly Course Schedule:

Week	Topic
Week 1	Introduction to Forensic Science
Week 2	Fields of Forensic Science
Week 3	Observation Skills & Deductive Reasoning
Week 4	CSI Team
Week 5	Types of Evidence & Evidence Collection

Week	Topic
Week 6	Fingerprints 101
Week 7	Fingerprint Analysis Lab
Week 8	Hand Writing Analysis
Week 9	Death: Manor, mechanism, & Cause
Week 10	Forensic Pathology
Week 11	Forensic Entomology
Week 12	Blood
Week 13	Blood Splatter Lab
Week 14	Forensic Anthropology
Week 15	Forensic Botany
Week 16	Glass Evidence
Week 17	Fibers & Textiles
Week 18	Guns, bullets & trajectory
Week 19	Crime Solving
Week 20	Class Presentations