



Forensic Science Syllabus Fall 2021

Keep close to Nature's heart and break clear away, once in a while, and climb a mountain or spend a week in the woods. Wash your spirit clean.
-John Muir



Education:

- University of NC at Charlotte,
 - ★ Bachelor of Arts Earth and Environmental Science
 - ★ Comprehensive Science Education
- Mississippi State University,
 - ★ Masters in Geosciences

Contact Information:

Email: Brooke.Boucher@UCPS.K12.NC.US

Office Hours: 1:45-3:05pm

Forensic Science Course Overview and Requirements

Prerequisites: Earth Science, Biology, Chemistry or Physical Science

Required Materials:

- ★ 3-ring binder
- ★ Paper
- ★ Pens or Pencils, Markers, Crayons, or Colored Pencils
- ★ Headphones or Earbuds
- ★ Materials that may be helpful include: scissors, glue or tape, calculators, highlighters, and flashcards

Course Description: This course centers around the evidence found at crime scenes and the role of forensic scientists in using this information to solve crimes. Major topics include the history and organization of crime labs, physical evidence, pattern evidence, organic and inorganic analysis, toxicology, arson, and explosive investigation and more.

Requirements and Evaluation: Students should login to our Canvas Course **EACH** day and complete activities or assignments to ensure mastery of content. Students will be evaluated using a variety of assessments that include; tests, quizzes, projects, labs, and discussions.

Due Dates and Late Work Policy: Failure to submit assignments by due dates will result in a loss of 10% each day it is not submitted. Students who are absent due to COVID-19 should continue to access Canvas daily and work on missing assignments from home.

Grading: Each six week session is worth 25% of your final grade. At the end of the semester you will be given a final exam worth another 25%.

- ★ A= 90-100 B= 80-89 C=70-79 D=60-69 F=0-59

Topics: Introduction to Forensic Science and Crime Scene Processing, Questioned Documents, Microscopic Physical Evidence and Impression Evidence, Cause of Death, Suspect Identification, and Modern Lab Techniques, Teeth, Bones, and Bugs, Firearms and Explosives.

Helpful Links:

- ★ [Canvas Page](#) [Parent Observer Instructions](#) [CHS Homepage](#) [Student Helpdesk](#)

Parent Contact Information: <https://forms.gle/WnkRgPBq9GPxziyBA>