



Forensic Science

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This course provides students with an introduction to Forensic Science. Topics to be covered include forensic analysis of physical evidence, firearms, fingerprints, autopsy, documents, entomology, anthropology and DNA. Specifically, the course will introduce students to the history of forensic science, careers in the field and the biological, chemical and technological practices involved in crime scene processing. Students will be required to collect, examine, test, interpret and solve problems using the scientific method. Communicating scientific information orally and in written form will be stressed as will complex reasoning and critical thinking skills. An appropriate level of maturity is expected. Students will be exposed to disturbing pictures, videos, readings and discussions related to crime scene investigations. Students will never be forced to interact with material they find uncomfortable, however, alternative assignments will not be made available.

Text and Required Apps

TEXT

Howdunit Forensic Science
Val McDermid Forensics-The Anatomy of a Crime
Rebecca Steinke Forensic Science Arts and Technology High School

APPS

Smart Notebook
Quizlet
TopNotes
Puffin Browser
Kahoot!
Podcast-Serial
Remind-Register for text updates-Phone number: 81010 Message: @beekmanfs



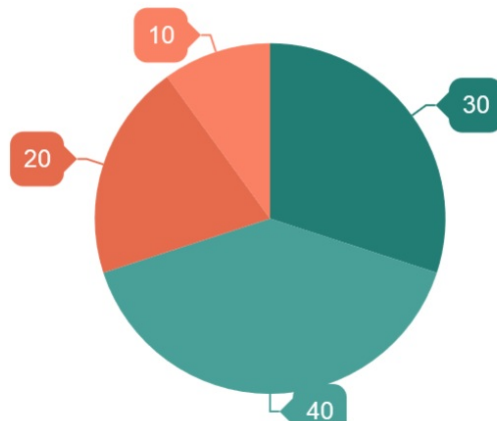
Requirements



- Attend class daily. Class participation grades will be given for participation in mini labs, class discussions and reviews-these grades can not be made up. Extra Credit assignments will not be posted on-line. You must be present to take advantage of these opportunities.
- Bring your CHARGED iPad to class EVERY day.
- Be prepared and on time.
- If you are absent, it is your responsibility to turn in any work due, complete missed assignments, quizzes or tests and obtain notes or lab results within one week of your absence.
- Complete and turn in all assignments on time (at the beginning of the class period). Late assignments will be penalized 10 points per day and will not be accepted after three days.
- Maintain an organized binder for your workbook and all classwork, homework, quizzes and tests not completed on iPad.
- Your cell phone MUST be off and put away from bell to bell. Failure to comply will result in your phone being confiscated for the remainder of the school day

Grading

■ Homework/ Classwork (30%)
 ■ Tests/ Projects (40%)
■ Quizzes (20%)
 ■ Class Participation (10%)



Course Overview

- History of Forensic Science
- Careers in Forensic Science
- Physical Evidence
- Crime Labs
- Fingerprinting
- Trace Evidence-Hairs and Fibers
- Firearms, Tool Marks and Other Impressions
- Document Examination
- Forensic Serology
- DNA
- Autopsy

