



## **Course Syllabus: Forensic Science**

### **Course Description**

The Forensic Science curriculum is designed to build upon science concepts and to apply science to the investigation of crime scenes. It serves as a fourth year of science for graduation and may serve in selected Career Technology programs. Students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.

This course has three sections: Forensic Science A is the first half of the course and includes Modules 1 – 5. Forensic Science B is the second half of the course and includes Modules 6 –10. Forensic Science Y is the entire course and includes Modules 1 – 10.

This course includes the following modules:

Module 1 – Introduction to Forensic Science and Processing the Crime Scene

Module 2 – Microscopes and Organic Analysis

Module 3 – Questioned Documents, Handwriting Analysis and Computer Forensics

Module 4 – Human Remains and forensic Autopsies

Module 5 – Forensic Anthropology and Entomology

Module 6 – Analysis of Hair, Fiber and Botanical Materials

Module 7 – Fingerprints and DNA Analysis

Module 8 – Forensic Toxicology and Serology

Module 9 – Forensic Properties of Glass and Soil Evidence

Module 10 – Arson, Firearms, Ballistics and Tool Marks

### **Textbook**

There is no required textbook for this course. All content is digital and available in the online course modules.

### **Course Participation Policy**

Students should follow the Course Schedule (located in Course Information area of course) and all course work must be submitted no later than 11:59 PM on the due date.

After the due date has passed, instructors will enter zeros in the Grade Center for work not submitted by the deadline. During student breaks and towards the end of the semester, students may have the opportunity to improve their course grade by completing and submitting work with grades of zero from earlier in the semester. Zeros will remain in the Grade Center until course work is submitted and evaluated by the instructor.

The CVA term ends prior to the end of the traditional school semester. The final date work will be accepted each term is posted on the CVA website ([cobbvirtualacademy.org](http://cobbvirtualacademy.org)).

### **Grading**

Grades for the course are calculated based on category percentages as follows:

Assignments = 25%

Labs =25%

Quizzes =20%

Tests = 30 %

Final Exam = 10%

Final Grade Calculation – (Before Final Grade) x .90 + (Final Exam) x .10 = Final Course Grade

### **Academic Integrity**

Academic integrity is the cornerstone of learning at CVA and we take the integrity and authenticity of student work very seriously. When academic integrity is maintained, students will make decisions based on values that will prepare them to be productive, meaningful, and ethical citizens.

Students are required to abide by the CVA Academic Integrity Policy. Academic dishonesty in any form will not be tolerated. The CVA Academic Integrity Policy outlines the consequences if students fail to maintain academic integrity in their course. For additional information, the CVA Academic Integrity Policy is posted on the CVA website.

### **Additional General Information**

- Students must complete the mandatory online CVA Student Orientation each term before any course work will be graded by the instructor. Only one Student Orientation is completed each term.
- All course work must be submitted through Blackboard in the format requested. Students should have access to Microsoft Office and submit assignments in that format. All CCSD students have access to the Office 365 Suite. Assignments submitted through email will not be accepted.
- The 'Grade before Final Exam/EOC' column in the student Grade Center shows the current grade for the course and is automatically calculated.
- Students in all sections of this course will take an online final exam during the times indicated on the CVA website.