



# Forensic Studies

## 25 (3 credit) Course Outline 2023-2024

Forensic Studies 25 (3 credit) is offered as an **independent learning** course at the Learning Centres. Students can optimize their learning experience through in-person interactions, Google Meets, phone calls, texts, and email communication with their teacher. Throughout the duration of the course, teachers will collaborate with students to formulate a personalized timeline for their academic journey. This tailored approach to scheduling aims to accommodate each student's unique learning pace, goals, and commitments, fostering an environment of flexibility and empowerment.

### Course Objective:

Forensic Studies 25 is a three-credit course intended for students interested in the use of basic scientific concepts and technologies to solve crimes. In Forensic Studies 25, students will investigate and analyze the strengths and limitations of forensic evidence analysis. This course will focus on the ethical considerations involved in the use of forensic evidence. As well, students will explore a variety of occupations and potential career opportunities in the field of forensics.

### Accessing Content and Required Course Work

Students will complete the course by working through modules. Modules are comprised of lessons which include various resources that allow the student to actively engage in the learning process. Course content and resources are provided online through the **Forensic Studies 25 (3 credit) Google Classroom**. Before you ask for help on the assignment, be sure to review all available resources on the course Google Classroom. Students require their unique first name.last name@edu.sturgeon.ab.ca account for course completion.

### Progression Through Course Sequences

Successful completion of Science 14 or Science 10. There are no prerequisites for mature students. A mature student, for Alberta High School Diploma purposes, is one who as of September 1 of the current school year, is 19 years of age or older; or the holder of a previously-awarded high school diploma from the province of Alberta; or an equivalent high school diploma from a jurisdiction acceptable to the Minister.

### DISCLAIMER:

Due to the graphic nature of the course material and its basis on real events, this course may not be suitable for everyone. This course includes discussions on substance abuse, rape, and semen analysis. It involves experiments using simulated blood made from household materials and contains blood photographs. Please do not enrol if you find these topics



objectionable or offensive.

## Guiding Questions

1. Students will investigate and evaluate the ethical process of collection and preservation of crime scene evidence.
2. Students will investigate and analyze the strengths and limitations of forensic evidence analysis.
3. Students will explore and analyze the ethical considerations involved in the use of forensic evidence.
4. Students will explore a variety of occupations and potential career opportunities in the field of forensics.

## Course Content:

There are 6 modules in Forensic Studies 25 (3 credits)

MODULE NUMBER	MODULE TITLE
1	Types of Evidence and Fingerprint Analysis
2	Trace Evidence
3	Body Fluid Evidence
4	Forensic Detection of Impaired Driving
5	Polygraphing and Document Analysis
6	Forensic Genetics

It is important to use the **module coil as a guide** to ensure that you are utilizing all of the resources available when completing course work.

**Evaluation:** Your Forensic Studies (3 credit) mark is based on completed course work for all six modules and a final exam.

Assessment Component	Overall Weighting
Module Assignments (6)	70%
Final Exam	30%

Study Sheet
Students are permitted access to a single-sided, 8 ½ by 11 STUDY SHEET for the final exam.



A schedule of module due dates will be set up with your teacher as part of your registration. Timelines vary from student to student, depending on when you start the course and how well you grasp the material presented.

Keep in mind that in a typical high school classroom, students receive approximately 80 minutes of class time everyday for an entire semester.

Marks can be viewed on PowerSchool. Pay attention to comments included with your marks. This could mean there are things that your teacher would like to review with you before finalizing the mark on the assignment. Take the time to come see your teacher and discuss what must be completed or redone. Note: due to course deadlines, corrections will need to be completed in a timely manner as determined by you and your teacher.

## Additional Information and Expectations

All students and staff are expected to treat each other with respect. For more information, please refer to our website: [www.sturgeonlearning.ca](http://www.sturgeonlearning.ca).

