



**FORENSIC STUDIES 25**

**LDC2569**

**3 Credit Course**

**ALTERNATIVE EDUCATION**

<b>Course Overview</b>	Through the study of forensic science techniques, for example fingerprint and DNA analysis, students are given the opportunities to explore and understand further how basic scientific concepts apply to this field of study. The course includes the collection and analysis of evidence from crime scenes, the principles of fingerprinting, breathalyzers, polygraph, and DNA analysis. A major component is an analysis of real crime cases including the Laci Peterson murder, John Dillinger, the Zodiac killer, O.J. Simpson, the Atlanta Child Murders, and the death of Princess Diana.														
<b>Prerequisite</b>	<i>Please refer to Alberta Education's Provincially Authorized Senior High School Courses and Course Codes Document</i>														
<b>Required Materials &amp; Resources</b>	<ul style="list-style-type: none"> <li>Six Module and Six Assignment Books</li> </ul>														
<b>Learning Outcomes</b>	<p><b>The student will:</b></p> <ul style="list-style-type: none"> <li>A. recognize the steps in securing a crime scene</li> <li>B. identify various types of evidence that may be collected in order to solve a crime</li> <li>C. identify various procedures for identification, collection, and basic finger print analysis for the purpose of investigating and prosecuting crimes</li> <li>D. recognize the evolving importance of DNA evidence in investigating and prosecuting crimes</li> <li>E. understand and apply the techniques and principles associated with forensic document analysis</li> <li>F. recognize that alcohol and its effect on the human body play a major role in motor vehicle deaths and understand the legal aspects of impaired driving and blood alcohol testing</li> <li>G. recognize and research that forensic science includes a wide variety of research and career fields and understand the skills and formal training requirements of these fields.</li> <li>H. recognize and apply the importance of body fluid evidence found at a crime scene</li> </ul>														
<b>Note</b>	<b><i>Within Alternative Education all teachers are required to follow a common course outline and gradebook set up.</i></b>														
<b>Assessment</b>	<p>The student's grade is determined by the knowledge the student has acquired based on the program of studies and the skills the student is able to show in articulating his or her knowledge.</p> <p>The student's grade will be calculated based on the following:</p> <p><b>Coursework – 100%</b></p> <p><i>*There is no final exam for this course</i></p>														
<b>Topics of Study</b>	<table border="1"> <thead> <tr> <th>MODULE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><i>Types of Evidence and Fingerprint Analysis</i></td> </tr> <tr> <td>2</td> <td><i>Trace Evidence</i></td> </tr> <tr> <td>3</td> <td><i>Body Fluid Evidence</i></td> </tr> <tr> <td>4</td> <td><i>Forensic Detection of Impaired Driving</i></td> </tr> <tr> <td>5</td> <td><i>Polygraphing and Document Analysis</i></td> </tr> <tr> <td>6</td> <td><i>Forensic Genetics</i></td> </tr> </tbody> </table>	MODULE	TITLE	1	<i>Types of Evidence and Fingerprint Analysis</i>	2	<i>Trace Evidence</i>	3	<i>Body Fluid Evidence</i>	4	<i>Forensic Detection of Impaired Driving</i>	5	<i>Polygraphing and Document Analysis</i>	6	<i>Forensic Genetics</i>
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<b>An Important Note About Assessment</b>	A wide range of assessment information is used in the development of a student's final grade. Within Alternative Education, individualized assessments provide specific information regarding student progress and overall performance in the course. Student assessments may vary from student to student to adapt to differences in student needs, learning styles, preferences and paces. The teacher will apply best teaching practices to determine appropriate assessment.														

**TEACHER'S CONTACT INFORMATION:**

<b>Teacher's Name:</b>	
<b>Teacher's Phone Number:</b>	
<b>Teacher's Email Address:</b>	