

<b>Course Overview</b>	Biology 30 is composed of four units: A. The Nervous and Endocrine Systems B. Reproduction and Development C. Cell Division, Genetics and Molecular Biology D. Population and Community Dynamics																										
<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>• ADLC Biology 30 Program – Twelve Modules</li> <li>• Textbook: Inquiry into Biology (McGraw-Hill Ryerson)</li> <li>• Tutorial Booklet</li> </ul>																										
<b>Learning Outcomes</b>	<p><b>Biology 30 consists of four units of study:</b></p> <p>A. nervous and endocrine systems</p> <p>B. reproduction and development</p> <p>C. cell division, genetics and molecular biology</p> <p>D. population and community dynamics</p>																										
<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: <i>(70% of the school grade will be combined with 30% of the diploma exam grade to calculate an overall final grade)</i></p> <p><b>Coursework –25%</b></p> <p><b>Quizzes– 25%</b></p> <p><b>Midterm – 25%</b></p> <p><b>Final Exam – 25%</b></p>																										
<b>Topics of Study</b>	<table border="1"> <thead> <tr> <th><b>MODULE</b></th> <th><b>TITLE</b></th> </tr> </thead> <tbody> <tr> <td>1</td> <td><i>The Senses</i></td> </tr> <tr> <td>2</td> <td><i>The Nervous System</i></td> </tr> <tr> <td>3</td> <td><i>The Endocrine System</i></td> </tr> <tr> <td>4</td> <td><i>Human Reproduction</i></td> </tr> <tr> <td>5</td> <td><i>Human Development</i></td> </tr> <tr> <td>6</td> <td><i>Cell Division</i></td> </tr> <tr> <td>7</td> <td><i>Genetics</i></td> </tr> <tr> <td>8</td> <td><i>Extending Mendel and STS</i></td> </tr> <tr> <td>9</td> <td><i>Molecular Genetic DNA/RNA</i></td> </tr> <tr> <td>10</td> <td><i>Population Genetics</i></td> </tr> <tr> <td>11</td> <td><i>Population Growth and Interactions</i></td> </tr> <tr> <td>12</td> <td><i>Course Review and Diploma Preparation</i></td> </tr> </tbody> </table>	<b>MODULE</b>	<b>TITLE</b>	1	<i>The Senses</i>	2	<i>The Nervous System</i>	3	<i>The Endocrine System</i>	4	<i>Human Reproduction</i>	5	<i>Human Development</i>	6	<i>Cell Division</i>	7	<i>Genetics</i>	8	<i>Extending Mendel and STS</i>	9	<i>Molecular Genetic DNA/RNA</i>	10	<i>Population Genetics</i>	11	<i>Population Growth and Interactions</i>	12	<i>Course Review and Diploma Preparation</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>	