

| Course Overview | Biology 20 is composed of four units of study: A. Energy and Matter Exchange in the Biosphere B. Ecosystems and Population Change C. Photosynthesis and Cellular Respiration D. Human Systems | | | | | | | | | | | | | | | | |
|---|--|------------|-------|---|--|---|---|---|--|---|----------------------------------|---|--|---|---|---|-----------------------------------|
| Prerequisite | <i>Please refer to Alberta Education's Provincially Authorized Senior High School Courses and Course Codes Document</i> | | | | | | | | | | | | | | | | |
| Required Materials & Resources | <ul style="list-style-type: none"> • ADLC Biology 20 Program – Eight Modules • Textbook: Inquiry into Biology (McGraw-Hill Ryerson) • Tutorial Booklet | | | | | | | | | | | | | | | | |
| Course Content | <p>Biology 20 consists of four units of study:</p> <p>A. energy and matter exchange in the biosphere B. ecosystems and population change C. photosynthesis and cellular respiration D. human systems</p> | | | | | | | | | | | | | | | | |
| Note | <i>Within Alternative Education all teachers are required to follow a common course outline and gradebook set up.</i> | | | | | | | | | | | | | | | | |
| Assessment | <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>Coursework –25% Quizzes– 25% Midterm – 25% Final Exam – 25%</p> | | | | | | | | | | | | | | | | |
| Topics of Study (Coursework) | <table border="1"> <thead> <tr> <th>ASSIGNMENT</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><i>Energy and Matter Exchange in the Biosphere</i></td> </tr> <tr> <td>2</td> <td><i>Ecosystems and Population Change</i></td> </tr> <tr> <td>3</td> <td><i>Photosynthesis and Cellular Respiration</i></td> </tr> <tr> <td>4</td> <td><i>Human Systems - Digestion</i></td> </tr> <tr> <td>5</td> <td><i>Human Systems – Circulation and Excretion</i></td> </tr> <tr> <td>6</td> <td><i>Human Systems – Breathing and Muscular Systems</i></td> </tr> <tr> <td>7</td> <td><i>Essay Assignment - Ecology</i></td> </tr> </tbody> </table> | ASSIGNMENT | TITLE | 1 | <i>Energy and Matter Exchange in the Biosphere</i> | 2 | <i>Ecosystems and Population Change</i> | 3 | <i>Photosynthesis and Cellular Respiration</i> | 4 | <i>Human Systems - Digestion</i> | 5 | <i>Human Systems – Circulation and Excretion</i> | 6 | <i>Human Systems – Breathing and Muscular Systems</i> | 7 | <i>Essay Assignment - Ecology</i> |
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| An Important Note About Assessment | 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: | | | | | | | | | | | | | | | | | |
| Teacher's Name: | | | | | | | | | | | | | | | | | |
| Teacher's Phone Number: | | | | | | | | | | | | | | | | | |
| Teacher's Email Address: | | | | | | | | | | | | | | | | | |