


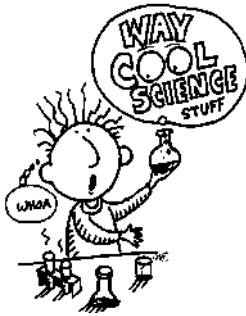


# COURSE SYLLABUS: AP BIOLOGY (2019-2020)

## West Linn High School – Ms. Monson

<b>General Information</b>	<p> <b>AP BIOLOGY</b>  <b>Teacher: Ms. Monson</b>  <b>Room: C-205</b>  <b>Email: <a href="mailto:MonsonN@wlwv.k12.or.us">MonsonN@wlwv.k12.or.us</a></b>  <b>Webpage: <a href="http://www.wlhs.wlww.k12.or.us/Page/3628">http://www.wlhs.wlww.k12.or.us/Page/3628</a></b> </p> 
<b>Course Description</b>	<p> Biology, the study of life, is essential to the human experience. The goal of this course is to explain the key concepts of biology clearly and accurately within a context of unifying themes, or “big ideas”: </p> <ol style="list-style-type: none"> <li>(1) The process of evolution drives the diversity and unity of life;</li> <li>(2) Biological systems utilize energy &amp; molecular building blocks to grow, reproduce, and maintain dynamic homeostasis;</li> <li>(3) Living systems store, retrieve, transmit, and respond to information essential to life processes.</li> <li>(4) Biological systems interact, and these systems and their interactions exhibit complex properties.</li> </ol> <p> These “big ideas”, along with the six essential science practices presented by the National College Board, will be revisited and connected throughout the entire course. Topics will include:  <b>SEMESTER 1:</b> biochemistry, cell structure and function, energy transfer and metabolism, cell cycle, cell communication, heredity, molecular genetics  <b>SEMESTER 2:</b> gene expression / regulation, evolution &amp; natural selection, and ecology. </p>
<b>Textbook</b>	<p><b><u>Campbell BIOLOGY</u></b> (Reece, et al., 9<sup>th</sup> edition, © 2011)</p>
<b>Classwork &amp; Assessment</b>	<p> <b>CLASSWORK</b> - AP Biology is modeled after most college biology classes and will include: Lecture/discussion, laboratory investigations and scientific research, quizzes and tests, and AP test preparation activities. </p> <p> <b>HOMEWORK</b> - There will be regular homework assignments (reading, reading guides, laboratory prep or post-lab analysis, AP essay questions &amp; test prep) <b><i>In addition, students are expected to review class notes on a nightly basis.</i></b>  <i>***All work is due at the beginning of class on the following day unless other instructions are given!</i> </p> <p> <b>TESTS</b> - Tests will be announced. Tests must be made up within one week if a student misses because of an excused absence. <b>The student must meet with the teacher to schedule the make up exam the day that he/she returns from the absence.</b> If a student misses a test due to an unexcused absence, they will not be permitted to make up that test. </p> 
<b>Grading</b>	<p> <b><u>Grading will be based on the following percentages.</u></b>  90-100% = A                      70-79% = C                      0-59% = F  80-89% = B                      60-69% = D </p> <p> <b>Breakdown:</b>  Summative Assessments (quizzes; unit tests; final exams): <b>70%</b>  Labs: <b>20%</b>  Classwork / homework: <b>10%</b> </p> 
<b>Posted Grades</b>	<p> <b>Grades will be posted online approximately once every week.</b> It is YOUR responsibility to check your grade regularly and stay “on top” of it. </p>

<p><b>Attendance and Make-up Work</b></p> 	<p><b>ATTENDANCE</b> – Poor attendance will reflect negatively on your performance. Unexcused absences will result in no credit for activities completed that day. (including tests!)</p> <p><u>If you have an <b>excused</b> absence, it is <b>YOUR</b> responsibility to get any missed assignments and/or notes.</u></p> <ul style="list-style-type: none"> <li>• Find out from a classmate, the <b>class website</b>, or weekly schedule (copy in class binder) what you missed.</li> <li>• Pick up handouts from class handout tray on side counter. (or print out from webpage)</li> <li>• Finally, make an appointment with me for clarification on what you don't understand, or to make up a lab, quiz, or test you may have missed.</li> </ul> <p><b>LATE WORK:</b> The only time late work will be accepted for full credit is when turned in immediately after an <b>EXCUSED</b> absence (i.e. on the first day you return). If your absence is unexcused, the work (including missed quiz or test) may NOT be made up for credit. Work turned in late <b>may</b> receive partial credit – up to 2 weeks after original due date. After 2 weeks, no late work will be accepted.</p> <p><b>MAKING UP TESTS:</b> You will be expected to make up a missed quiz or exam immediately upon your return from an excused absence. All missed assessments must be made <b>within 1 week</b> of the original test or quiz date.</p>
<p><b>Academic Integrity and Ethics</b></p>	<p><b>ACADEMIC ETHICS:</b> Academic dishonesty will result in a zero on an assignment / test and possibly suspension. Repeated infractions could result in failure of the entire course and possibly expulsion from school. (see student handbook)</p> <p>Academic dishonesty is the highest violation in college and in this class. Do not do it!</p>
<p><b>Expectations</b></p>	<p>AP Biology is a rigorous, college-level course that demands a strong commitment by the student. It is imperative that you (the student) complete the readings as assigned, along with any additional assignments. Some material relating to the exam will be covered independently outside of class.</p> <p><b>Electronic devices:</b> Please silence electronic devices during class and put them away so that they are not a distraction.</p> <p><b><i>**If you are using your cell phone or other electronic device during a test or quiz, it will be assumed that you are cheating and this will result in a ZERO on the test/quiz.</i></b></p> <p><b><i>Every AP Biology student is required to take the AP Biology exam in May 2020.</i></b></p>
<p><b>The AP Exam</b></p> <p><b>Monday a.m., May 11, 2020</b></p>	<ul style="list-style-type: none"> <li>• the exam is 3 hours in length; <b>\$94 fee can be paid online either when you register for the exam, or at a later date</b></li> <li>• it is designed to measure a student's knowledge and understanding of modern biology and science practices.</li> <li>• 90-minute 60-item multiple choice section (50% of exam grade)</li> <li>• 90-minute Free Response section (50% of exam grade) consisting of: <ul style="list-style-type: none"> <li>-2 multi-part "long" free response questions (25%)</li> <li>-4 single-part "short" free response questions (25%)</li> </ul> </li> <li>• test is graded on a 5 point scale, a score of 3 or better is "passing"</li> <li>• a four-function, scientific, or graphing calculator is allowed on both sections of the exam</li> </ul>

