

Biology 101

Dual Credit Course

Class Information:

Instructor: Rebecca Steinke

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Website: <http://shsbiology101.weebly.com>

Textbook: Campbell, Reece, 2005. Biology 7th Edition; AP Edition



Course Description & Learning Outcomes:

Biology 101 focuses on principles of Biology related to evolution, ecology, and biodiversity. Our focus will be on these key biological concepts- what we know- and key scientific practices- how we know what we know. Upon completion of Biology 101, students will:

- ∞ Demonstrate knowledge and understanding about relevant biological principles
- ∞ Demonstrate understanding of the nature of scientific thought and the process of knowledge generation through scientific investigation
- ∞ Demonstrate independent and self-directed learning.

Scappoose High School

Assessment Categories

Laboratory (30%)

Synergy Categories: Pre-Labs, Lab Participation, Lab Analysis, Formal Lab Write-Ups, Lab Quizzes

Holistic Assessments (30%)

Synergy Categories: Warm-Ups, Exit Slips, Assignments (In-class or Homework), Quizzes, Group Work

WP Holistic Prompt (Completion, Rough Draft, Final Draft, Notebook)

Exams (40%)

Synergy Categories: Unit Assessments, Final Assessment

Please initial after every statement!

- ★ This course cannot be taken pass/no pass. _____
- ★ If you fail the laboratory portion of this class (<65%) you will fail the entire course. _____
- ★ If your overall grade is less than 65% you will fail the entire course. _____
- ★ Willamette Promise is a Dual Credit program that awards credit based on **proficiency**. A curve will **not** be used on any quizzes, labs or assessments. Scores may be adjusted for errors that may arise. _____
- ★ Extra credit opportunities may arise, but their overall worth will never be more than 2% of your overall grade and will be added at the end of the term. _____
- ★ Late work will not be accepted. You must submit all assigned work by the deadline regardless if you are present at school. Electronic options will be discussed in class (Google Docs or Showbie). _____
- ★ If you are absent for any quizzes, you must make arrangements with Mrs. Steinke to take the quiz before school, prior to the next class. The delay of feedback for quizzes will not occur due to a single student's absence. Your lowest quiz score will be dropped at the **end** of the term. _____

- ★ This is a college class—only excused absences that fall under the school boards approved reasons will be able to make up work/labs/quizzes. The approved reasons are: (1) illness of the student; (2) illness of an immediate family member when the student's presence is required at home; (3) emergency situations that require the student's absence; (4) field trips and school-approved activities; (5) medical (dental) appointments. (6) Other reasons deemed appropriate by the school administrator when satisfactory arrangements have been made in advance of the absence. _____

- ★ Note—absences regardless of reason, DO NOT excuse students from the work and deadlines of this class. The only exception would be an extraordinary family or personal emergency—but this must be communicated to the teacher ASAP. If you are absent, it is the expectation that you will contact the teacher, check the website and/or check with a classmate to make sure that you are aware of any upcoming deadlines or class events prior to returning to class. Don't show up to class and say, "What did I miss?" _____

- ★ There are assignments, learning experiences, labs and group work that cannot be replicated. Attendance is crucial to your success in this class! Important learning is happening every day, if a student misses enough class, they may lose enough daily points to lower their grade. _____

- ★ Absent for Major Assessments:
 - Planned Absences: Students who know they will miss the unit tests or final will need to make arrangements with Mrs. Steinke at least 1 week prior to the test to make arrangements, taking a test early is encouraged. Students who do not take the test with their peers will lose 5% for each day they delay in taking their test. The loss in points will only be reflected in their high school grade. After 5 school days, if the student has not made up the exam, they will receive a zero for their exam and not be eligible for college credit. _____

 - Unplanned Absences: Students who are absent unexpectedly for a unit exam, must complete the test on their first day back. They must email Mrs. Steinke on the day of their absence to let her know day and time (before or after school) of their make-up test. _____

 - The final cannot be made up early. If you are absent for the final, you will need to email Mrs. Steinke ASAP to make arrangements. There is no penalty for missing the final for school board approved reasons _____

- ★ Follow and adhere to the Western Oregon Academic Dishonesty Policy; make sure to initial each statement
 - Cheating***—*intentional use* or attempted use of artifice, deception, fraud, and/or misrepresentation of one's academic work _____
 - Facilitating dishonesty***—*helping or attempting to help another person* commit an act of academic dishonesty. This includes students who share, work-together or include information that is not of their own mind on their papers, reports, labs, or assessments. _____
 - Plagiarism***—*representing without giving credit the words, data, or ideas of another person as one's own work in any academic exercise.* This includes submitting, in whole or in part, prewritten term papers of another or research of another, including or not limited to the product of commercial vendors who sell or distribute such materials, and the appropriation and/or use of electronic data of another person or persons as one's own, or using such data without giving proper credit. _____
 - Any use or attempted use of electronic devices*** in gaining an advantage in academic work in which the use of these devices is prohibited, and such devices include but are not limited to cell phones, PDAs, laptops, programmable calculators, removable disk drives. _____

Consequences of Academic Dishonesty

1st Offense, minimum penalty of an F (0 points) on the assignment or exam in question

If the offense occurs on an assessment necessary to earn college credit (major lab, unit exam, final or holistic assessment)—the student will not be eligible to receive college

Parent and administration will be contacted.

2nd Offense, student fails course. Parent and administration will be contacted.

All work in this course will be used to determine your high school grade. Your high school grade is separate than your college grade and is based on the following scale:

Grading Scale for High School Grade

91-100 = A

81-90 = B

71-80 = C

65-70 = D

< 65% = F

Western Oregon University

Your college grade is determined at the end of the course. If you pass all three major assessments with a C or higher you are eligible to earn college credit.

Semester 1: Bi 101 = 5 Credits

Semester 2: Bi 102 = 5 Credits

You have the opportunity to earn 10 college credits over the course of this year!

Your college grade will be weighted as follows:

Assessment Categories

Laboratory (30%)

Students will be evaluated on their best lab write up from their three attempts. Students must participate in 12 hours of laboratory work in order to earn college credit. Students who do not log—12 lab hours in class (no make-ups) will not be eligible for college credit.

Holistic Assessments (30%)

Students will be evaluated on their ability to analyze and explain the following proficiency statements:

- ∞ I can explain how or why humans engage in negative interactions with the environment and describe potential negative outcomes of potential solution.
- ∞ I can compare and contrast Northwest environmental issues to global issues.
- ∞ I can support my ideas with relevant ecological concepts and make connections to other disciplines.

The above proficiency statements will be evaluated through a written essay. The Willamette Promise Rubric will be used.

Exam (40%)

The Willamette Promise Proficiency Exam is comprised of 50 questions. Students must earn 70% on this exam to earn college credit. The 50 questions will be dispersed through the term on unit tests and the final.

To earn an A on this exam you can miss up to 5 questions. To earn a B on this exam, you can miss up to 10 questions, to pass this assessment you cannot miss more than 15 questions.

To earn college credit you must pass all three modes of assessments.

Students will be provided the WP Bi 101 Course Standards, Holistic Rubric and Lab Rubric to help the student understand the proficiency expectations.

What do I have to do to be successful in this course?

1. Visit the course web page, bookmark it and visit it multiple times a week, daily if possible.
2. Sign up/share with Mrs. Steinke your Gmail account. The class Google Calendar and Google Folder will be shared with you.
3. Use the course calendar/website to understand what we will be doing in each class; complete necessary reading/work PRIOR to class.
4. Check your email frequently. Important notices and class information will be shared weekly. It is important that you check your email often to be aware of any changes.
5. Ask for help when you need it, however, do not waste class time or time outside of class asking questions that can easily be found on this syllabus, the course website, or your textbook.
6. Show up to school! This class is 2nd period. It should not conflict with the majority of school related activities. If you have to go to the doctor, dentist, etc, make sure to let your parents know that 2nd period is not a good time to go! We are actively learning in class each day, we don't have work days, we don't have down days, and you can't just get the notes later and figure it out. Class time is for learning—we have fun and learn from discussions and each other!
7. Don't assume that because you are an 'A' student, this class will be easy. While many students get an A in this class, it is from their hard work, willingness to ask questions, figure out how to study and being proactive. No one should come to any class and already know all of the answers—failure, trial and error and learning from your mistakes are natural processes in a college class. No one has it all figured out, take the pressure off your shoulders and realize that your growth over time is the key to an A, not being perfect all of the time.
8. Every night you have homework, even if isn't assigned. You should read, take notes, go over labs, assessments, exit slips, warm-ups, re-watch videos on website. If you don't have formal homework assigned you should spend at least 20 minutes summarizing what you learned that day and identify any questions or misconceptions you have and then figure out those answers by talking to another student, asking the teacher or using Google.

What supplies should you have for class:?

Personal Supplies:

Spiral or binder with notebook paper for completing assignments, homework, labs; college ruled paper preferred.

Pencils w/ erasers

Pens, both black and blue—assignments will only be accepted with black or blue ink.

Folder or Binder for organizing handouts.

Lab Group Supplies

(lab groups of 4; each student will need to bring in these supplies, supplies will be organized by lab group and used only by that group)

4-Pack of Glue Sticks

Colored Pencils

2 Pack of Thin Sharpies Black or Blue

2 Pack of Thick Sharpies Black or Blue

1 Box of Kleenex or 1 Roll of Paper Towels

1 Roll of Tape

1 Pad of Post-Its

Supplies for lab boxes will be collected when Ms. Steinke returns; do not give the sub your supplies. Formal lab hours will commence upon my return.

Biology 101 Syllabus Signatures



Parent Signature

- ∞ I have read the entire syllabus and understand how my student(s) will be graded.
- ∞ I understand that this course will not be set up like a traditional high school course and may even be structured differently than an AP course—the expectations for my student(s) will be high and in accordance with a college experience.
- ∞ I understand that my student may need to work harder than any other course they have taken at SHS. Biology requires the assimilation of large amounts of knowledge while simultaneously developing critical thinking skills in both book work and labs. Students may not be used to the pace the course will take including the required reading, homework and the demand it will take both in the classroom (having excellent attendance, being focused in class) and the necessary work and preparation outside class.
- ∞ Students will earn a weighted grade for this course. This is a dual credit program and the SHS High School grade may be different than the grade earned from Western Oregon University.
- ∞ If my student begins to struggle or has a problem with the class, I will encourage them to reach out to the teacher first before contacting the teacher. I will contact the teacher only after my student reaches out for help first and either (1) they are continuing to struggle or (2) the resolution is not to my satisfaction.

(printed name)

(signature)

Student Signature

- ∞ I have read the entire syllabus and understand that this is a dual-enrollment program, which means I will receive an SHS grade and a Western Oregon University grade if I successfully meet all of their proficiencies. My grade at SHS will be weighted and the grade cut-off for A, B, C, D and F are different than the traditional scale.
- ∞ I understand how this course is structured and understand it will take a considerable amount of time and energy. The amount of energy, preparation and dedication will help me get the grade I want in this course. Prior success in school is a good indicator that success can be replicated again, but it is not a guarantee or substitution for hard work.
- ∞ I understand the implications of how my absences will affect my grade. I will work hard to proactively address any absences so it will have the least impact on my grade.
- ∞ I understand late work will not be accepted and will work with my parents, teacher and fellow students to make sure that my work is always on time, even when I cannot be at school.
- ∞ If I struggle or have a problem in the class, I will talk with Mrs. Steinke to resolve the problem first. If Mrs. Steinke doesn't resolve my problem, I can then ask my parents to step in.

(printed name)

(signature)