

BIOLOGY 20
Course Outline 2016/17
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OBJECTIVES

- To develop in students an understanding of the big interconnecting ideas and principles that transcend and unify the natural science disciplines
- To help students attain the level of scientific awareness that is essential for all citizens in a scientifically literate society
- To help students make informed decisions about further studies and careers in fields requiring a knowledge of the biological science

UNITS OF STUDY

Unit 1 – Energy and Matter Exchange in the Biosphere

Unit 2 – Ecosystems and Population Change

Unit 3 - Photosynthesis and Cellular Respiration

Unit 4 - Human Systems (Digestion, Respiration, Circulation, Excretion, Muscular)

EVALUATION

Assignments, lab reports, performance assessments	35%
Homework (Moodle quizzes)	5%
Term 2 (Hippocrates project)	10%
Unit and chapter tests	20%
Final exam	30%
TOTAL	100%

EXPECTATIONS:

- come to class on time, prepared to work (bring laptop, pen, calculator, ruler, etc)
- extra help is always available during the Period 4 flex time in Room 102 – please feel free to come in if you fall behind!
- regular use of PowerSchool is encouraged – YOU are responsible for your marks!
- cell phones must be **OFF** and away from distraction at all times during class period
- major assignments will be given a firm due date with a few days allotted to come in for any extra help needed prior to the due date. If the assignment is not submitted on the due date, an **NHI** will be entered into PowerSchool. This will behave as a zero in PS. Once the assignments have been graded and returned to the students, an alternate assignment will be issued to any students who have not submitted the original assignment. If the alternate assignment is still not completed, parents will be contacted and you will receive appropriate disciplinary action from administration. Students are encouraged to complete ALL assignments, as the learning process is necessary for success on tests and the final exam.
- Missed tests (with a legitimate reason) may be made up during Flex –in Room 102. See Mrs. McLeod to make necessary arrangements.

Do not cheat! Any of the following examples could result in a grade of "0" .

Some examples of what cheating looks like:

- Presenting information collected, organized, or envisioned by someone else as your own (with or without the author's permission) or allowing someone else to present your work as his or her own
- Taking shortcuts that allow you to bypass steps of an assignment
- Using forbidden material to "help" during an exam, such as cheat sheets, or cell phones.
- Asking about or sharing questions and/or answers to quizzes and exams.
- Submitting the same work for more than one assignment without permission from your teacher(s).
- Altering corrections or scores with the intent of changing your grade.
- Misrepresenting yourself in any way to your teachers in regard to the work you have done, such as saying you've turned in an assignment when you did not, or that you've worked hours longer than you actually did to complete an assignment.
- Fabricating information to try to earn more time or more credit on an assignment, project, or exam.
- Missing class in order to avoid turning in an assignment or taking a test.

Digital citizenship

Classroom expectations around technology to ensure the greatest success and security of students include:

- Students are responsible for the proper and responsible use of technology in the class during appropriate times. Any sharing of technology in the class is the up to the student's discretion. If damages or loss of material results it is the student owner's responsibility.
- Theft of any devices will result in immediate removal from the class until the issue is resolved by administration.
- Devices from laptops to cell phones are to be used in class appropriately for academic purposes (not games, videos, chatting or even (sadly) facebook). After an initial warning, students will be asked to put their devices away until required for academic purposes. Failure to do so will result in devices being given to the teacher or administration for the duration of the class. If the problem persists, students will be directed to administration and parents will be contacted.
- Laptops with proper software (Word, Powerpoint, etc) are expected to be brought to class every day as assignments and quizzes will be delivered mainly through the Moodle format.
- Students are expected to have a good understanding of Moodle and Google docs.

Helpful websites for this course:

<http://www.nelson.com/ABbio20-30/student/protect/default.html>

username: nelsonbio_student

password: nelsonbio_onlinelearning

www.learnalberta.ca

username: la53

password: 4487