

Ms. Anurita Dhiman
adhiman@sd35.bc.ca

Class Sessions at LEC:

Mondays & Wednesday: 6:30pm-9:30pm
 Room A179

Weebly Website: anurita.weebly.com

OFFICE 365 LOGIN CREDENTIALS

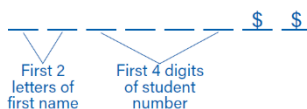
USERNAME:

First initial + lastname + last 4 digits of your student number
 @langleyschools.ca

PASSWORD:

Use your school network password.

If you have never changed your password, it defaults to:

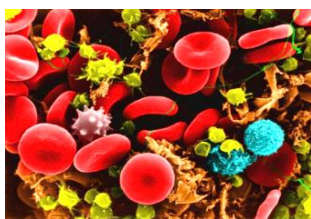


LOGIN EXAMPLE

John Smith - #123456
 U: Jsmith3456@langleyschools.ca
 P: jo1234\$\$

Anatomy and Physiology 12 COURSE OUTLINE

Welcome to **Anatomy and Physiology 12**, the senior Biology course that concentrates on Cellular Processes and Human Biology. This is an intellectually challenging, fast paced course containing a great deal of interesting and exciting information designed to prepare you for the standards and content of university level Biology and Biochemistry. You will



notice a larger workload than you have previously experienced in Bio. 11 and/or other previous science courses, however, **with perseverance, hard work, and good study techniques**, you will be successful through these challenges and do well in Anatomy and Physiology 12. Remember to **keep up with all assignments and readings and be sure dedicate at least 2 hours each day outside of class session to work on the course material.**



ATPH12 TOPICS

Chapter	Content	Test/End Dates
1-2	Molecules of Cells	Monday, Sep. 18 th
3	Cell Structure and Function	Monday, Sep. 25 th
4	DNA Structure	Wednesday, Oct. 4 th
5	Enzymes	Wednesday, Oct. 11 th
Term 1 EXAM		Monday, Oct. 16th
9	Digestive System	Wednesday, Oct. 25 th
10	Circulatory System	Monday, Nov. 6 th
11	Respiratory System	Wednesday, Nov. 8 th
Term 1 EXAM		Wednesday, Nov. 15th
12	Nervous System	Monday, Nov. 27 th
13	Excretion	Monday, Dec. 4 th
14	Reproductive System	Monday, Dec. 11 th
Term 2 EXAM		Wednesday, Dec. 13th

Dates not written in stone - possible rescheduling of some dates

Evaluation

CATEGORY	PERCENT OF COURSE
Assignments & Labs	15%
ONE Project	10%
Chapter Quizzes	15%
Three Term Exams (20% each)	60%
TOTAL	100%

Anatomy & Physiology 12 is a challenging course that requires a strong knowledge the material in junior science 8-10, as well as cell biology from Biology 11 (Life Science 11). Students will need to work daily in order to complete the course in the prescribed time. Students must possess a strong independent work ethic.

The complete list of curriculum outcomes from the provincial Integrated Resource Packages is available on the Ministry of Education site: <https://www.bced.gov.bc.ca/irp>

Students are expected to know the following:

- **biological molecules**
- **metabolism and enzymes**
- **feedback loops** and regulation of the body's internal environment
- **transport across a cell membrane**
- DNA
- **gene expression**
- **structure and function of all cells**
- **genomics and biotechnology**
- micro to macro **organization**
- **organ systems** – structure, function, interdependence and homeostasis
- **lifestyle differences** and their effects on human health
- **holistic approach** to health



Important Information:

- **Please keep all devices on SILENT during class.**
- There is only **one attempt** allowed on each of the assignments. **Late MC assignments** will **NOT** be accepted as they will be marked during class. If it is partially completed, you will get marks for the questions you have completed. You will be permitted **ONE** excused assignment in the semester.
 - ★ You can email me a pic of your completed scantron before the class for full marks.
- There is only **one attempt** allowed on each of the quizzes. **If you miss it**, it is counted as **zero**. There are **no rewrites**; however, you will be permitted **ONE** excused quiz in the semester.
- **Term Exams** will be closed-book exams completed in class. You have the option of doing a rewrite of the term exam on a specific day outside of class time. If this time does not work for you, you will not be able to do a rewrite.
- There are labs and dissections in this course. Let me know ahead of time if you are not able to do the dissections and I will find a virtual one for you to complete. Some lab handouts will be collected for marks. **Late labs handouts** will be collected for late marks (-50%).
- If you are absent for a class, you must make the effort to contact me; however, you are still responsible for all missed work and must keep up with all deadlines and exam dates.
- **Please arrive to our classes on time** and expect to stay for the full class time. Please, no eating meals in class; small, clean snacks and enclosed drinks are okay.
- **No smoking is permitted on school property.**



Course Help

- **attend every class & take careful notes**
- **complete all assignments before the due dates**
- **review your notes daily and take extra time preparing for tests**
- **form study groups to work on course material and prepare for tests**

Please feel free to ask me questions regularly, either during class or via email. Good luck and enjoy Anatomy and Physiology 12!!!



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