

Anatomy and Physiology 12 Course Outline 2024

Instructor: Ms. Golemiec

Email: mireille.golemiec@pattisonhighschool.ca

Period 2 Room 118



Course Curriculum:

Big Idea 1: Homeostasis is maintained through physiological processes

- Biomolecules; metabolism; enzymes; feedback loops; cell membrane transport

Big Idea 2: Gene Expression, through protein synthesis is an interaction between genes and the environments

- DNA; gene expression; proteins and their relationship to cell structure and function; genomics and biotechnology

Big Idea 3: Organs Systems have complex interrelationships to maintain homeostasis

- Micro to Macro organization; organ systems interdependence; maintenance of homeostasis; lifestyle effects on human health; holistic approaches; disease as an imbalance in homeostasis

Expectations & Policies:

Attendance: You are expected to attend class daily, arriving on time and prepared to work

- Pay attention and take notes during class. Complete homework and assignments efficiently – learning requires effort!
- You are responsible for catching up on missed material – not everything will be posted on Teams.

Homework: I will check homework regularly. A full mark will be given for complete work, ½ mark for partially completed or late homework, and 0 if work is not completed.

Due Dates: You will be given a due date for all assignments/labs/projects, marks will be deducted at my discretion if you hand in something late. I will not accept work that is more than 3 days past its due date (unless other arrangements have been made)

- If you know you can't submit something on time, please speak to me before the due date to make other arrangements. Arrangements are made at my discretion and may not always be available.

Language: Please speak English while in class – more practice means more improvement!

Uniforms: You are expected to adhere to the uniform policy outlined in your Student Handbook.

Honesty: Plagiarism or cheating will NOT be tolerated.

- First offenses will result in a zero grade for everyone involved. Second offenses will be brought to the attention of the principle and will lead to more serious consequences.

Technology: All computer/tablet/cell phone use is at my discretion. I will take away technology that is being used for non-educational reasons.

- Headphones or earbuds are not permitted in class, unless specifically authorized by me.

Classroom Environment: You are expected to treat each other, myself and all other staff/teachers/students with respect and kindness.

- Ask for help! I am here to help you learn, but I can't help if I don't know where you're struggling.

Grading:

Course Work	Value
Homework Completion	5%
Quizzes	20%
Assignments/Labs	20%
Projects/Presentations	10%
Unit Tests	20%
Final Exam	25%
Total	100%