

Anatomy and Physiology

Christopher Skrapits

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The course will cover all major body systems, with an emphasis on how form is related function. Laboratory investigations and dissections are a significant part of this class. We will have guest speakers share insight of their particular field, while also attending medical and health occupation field trips. Since this is an anatomy class, the expectation is that each student will perform or watch the dissections. If a student foresees an issue with this, they need to talk with me within the first month of school.

Topics/Units

- Body organization
- Cells
- Histology
- Skin
- Skeleton
- Muscles
- Nervous systems
- Senses
- Endocrine system
- Blood and cardiovascular system
- Digestive system
- Urinary system
- Reproductive system
- Human growth and development

Materials Needed

- A three-ring binder to save homework, quizzes and handouts.
- A folder kept in class to save projects.
- A spiral notebook for warm-ups, notes and homework. Your notebook may be stored in the classroom but I cannot be responsible for it.
- Blue or black ink pens and #2 pencils for each class.
- Classroom Copy of *Hole's Anatomy 8th ed.*

Grading

A letter grade will be determined by the following:

Warm-ups and Practice:	10%	A =	100-90%
Major Projects and Labs:	40%	B =	89-80%
Quizzes and Exams:	50%	C =	79-70%
		F =	69% or lower

Anatomy and Physiology is a demanding class. Students can expect clear learning objectives, timely feedback, and the possibility of revision (including projects and quizzes). Differentiation strategies include a wide variety of practice options, one-on-one supports during and outside of class, direct feedback on work, and activities.

Common Norms

As a learning community, we want to make sure that all students have the ability to be successful. As a result, the following behavior norms will be heavily reinforced throughout the school year:

- *Respect Air Time.*
- *Stay Focused.*
- *Respectfully Help Others Stay Focused.*
- *Own it. Fix it. Move on.*
- *Do Not Use Racist, Sexist or Homophobic Remarks.*

Assignment Sheets

At the beginning of each new unit, students receive an assignment sheet that will be affixed into their notebooks. This assignment sheet will include a list of assignments, learning targets and key vocabulary for students to learn. This assignment sheet will be used to keep track of student progress and participation during warm-ups.

Laboratory Investigations

On a regular basis, students will participate in laboratory investigations. Depending on the task, students will complete the lab assignment as part of the assignment sheet or as part of the major project. Labs will be graded based not only on the work that is completed but also behavior during the course of the exercise. If a student is absent for a lab assignment, it is their responsibility to contact the instructor and schedule a makeup. Because of the nature of this course, the class will be doing a lot of hands-on and group work; the students' grade depends on being able to complete this work in a timely and collaborative manner.

NOTE: We will complete dissections of organs and whole organisms (most likely a cat or fetal pig). If a student has any issues that interfere with completing dissections, the student **MUST** discuss them with the instructor (Mr. Skrapits) within the first month of class.

Projects

Throughout the year, students will be assigned projects such as papers, posters and presentations. Each project will be completed in the classroom and include an exit criteria. The exit criteria will give detailed instructions on what the students needs to complete in order to earn credit. If the student provides an incomplete project, **no grade will be given**. Students must continue to finish these projects in a timely manner. Because most project work is completed in the classroom, students who neglect to finish projects during assigned dates will need to finish this work on their own time.

Quizzes and Exams

As a way to assess progress in this course, quizzes and exams will be given regularly throughout the year. Exams will be given during the end of every unit. These exams will be structured to include content that was covered in the class or from readings assigned (including from chapters in the textbook). Once they have been graded, students will have the opportunity to review their exams to determine strengths and weaknesses. Using the assignment sheets, students can plan with the teacher on how to retake the exams. At the end of each semester, students will be given a final exam. The exams will cover all of the material given up to that point, with the student earning the higher grade (for example: if a student earned an 80% on a quiz the first time but raises her/his grade to a 95% for the same material on the final, the final grade is a 95% (the 80% is replaced)).

There is no doubt that you can accomplish a great deal in this class so long as you complete the assigned work and see me whenever problems arise. If you have any concerns, please come and see me about them.

Please sign and have a parent or guardian sign both the attached contract and the Portland Public Schools Science Safety Agreement.

Anatomy and Physiology
Student-Teacher Contract
Christopher Skrapits
cskrapits@pps.net

I have read and understand the attached course description. I understand that:

- *I need certain materials to succeed in this class,*
- *I need to attend class, and complete classwork and homework to be successful,*
- *Being tardy will result in missing the warm-up and key information.*
- *All regulations outlined in the Jefferson student handbook will be enforced,*
- *Mr. Skrapits is available for extra help and it is the student's responsibility to schedule available time.*

Student's Full Name: _____

Student's Signature: _____

Family Member's Full Name: _____

Family Member's Signature: _____

Phone Number at Home or Work: _____

Is there any information Mr. Skrapits should know about this student?

