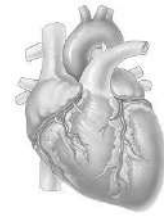




Reynolds High School

Human Anatomy & Physiology

Building Relationships for Academic Success



Instructor: Eric Wergeland

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Room Number: 200

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Sem 1 and 2: 1.0 Science Credit

2nd Lunch

Required Textbooks/Materials: Binder, paper/ notebook, pencil/pen, Chromebook

- Text: Essentials of Human Anatomy and Physiology by Elaine Marieb
- Available in class as needed – (please check out a copy from the library for use outside of class!)
- OpenStax Anatomy & Physiology 2e Online: <https://openstax.org/details/books/anatomy-and-physiology>

Course Description:

This class is an introduction to Human Anatomy - the structures of the body- and Physiology - how those structures work. This class will build on your understanding of the human body through dissections, readings, drawings, projects, quizzes and tests. We will all be learning the language of human anatomy as we learn together. This class has the option for dual credit (Bio 103, 4 credits) with Willamette Promise through Oregon Institute of Technology (OIT). Signup for dual credit will be December - January of Semester 1.

Grading Policy Description: I measure your growth towards course learning goals in different ways. Assignments are placed into 3 different categories:

1. **Classwork and Homework** makes up 20% of grade. - daily work, notes, homework, practice quizzes
2. **Labs, Dissections, and Case Studies** make up 20% of your grade.
3. **Mastery** makes up 60% of your grade. Includes **Unit Tests, Quizzes, Midterm and Final Exam**
These summative assessments are key to your success and showing what you have learned.
A study guide (notes, note card, or other product) will be required to prepare for every unit exam, but unfortunately, cannot be use on the exam!

Grading Scale: To pass this class you must earn at least a 60%. This is a weighted class, where you can earn honors credit weighted grades. A grade of a D passes but does not earn a weighted grade.

100%-90% (AH) 89%-80% (BH) 79%-70% (CH) 69%-60% (D) Below 60% (F)

Retake/ Late Work Policy: The purpose of assigning grades is to accurately and fairly communicate your progress towards course objectives. There will be deadlines to hit as we work together to complete labs, projects, and mastery assessments.

- As quizzes are smaller assessments, there are no retakes, however, your lowest quiz score will be dropped.
- If it is unavoidable that you will miss a unit exam, arrange to take it **before** it is given. It must be completed **within one week** of the exam date. Communicate!!
- There are no retakes on unit tests for dual credit. Retakes of unit tests are possible within one week of the exam date but have a max grade of a C. This will only be for students not earning dual credit. Study, study!!
- All students will take a cumulative midterm and final at the end of each semester, with no retake or make up.
- You can turn in late work but remember that daily work prepares you for the next class and for tests and quizzes. Falling too far behind makes it hard to do well on a mastery test or project. Again – study daily!

1. Late work will lose 20% and will not be accepted two weeks past the unit test. Turning work in **on time** is essential to success in this class.
2. *If you miss a class, please check Schoology, with me, or with a classmate for the work and complete it on your own.*
3. Some assignments, usually labs or dissections, must be made up before or after school or during lunch.

Course Schedule/Outline of Units: This course is an introduction to Human Anatomy and Physiology. We will be covering the following units, which may change as needed.

Dates	Unit/Topic
September	Unit 1: Organ Systems and the Language of Anatomy
October	Unit 2: Cells and Tissues of the Body Unit 3: Skeletal System
November	Unit 3: Skeletal System Unit 4 Muscular System End of Quarter 1: November 7 th 2024 Semester 1 Conferences: Nov 25 th -27 th
December	Unit 5: Digestive System (unit exam on midterm)
January	Unit 5: Digestive System (unit exam on midterm) Midterm Final End of Semester 1: Jan. 22 nd - 24 th 2025
February	Unit 6: Blood and Cardiovascular System Unit 7: Respiratory System
March	Unit 8: Endocrine System Spring Conferences: March 20 th -21 st
April	Unit 9: Nervous System End Quarter 3: April 10 th
May	Unit 10: Urinary System (unit exam on final exam)
June	Unit 10: Urinary System (unit exam on final exam) Final Exam: June 9 th – 11 th 2025, (Last day for Seniors = June 4 th)

Class Expectations (i.e. POWER):



1. **PREPARED** and **PUNCTUAL**: Come to class every day, on time and ready to learn!
2. **ORGANIZED**: Try to turn in assignments and homework on time. Get help from me before an assignment is due – after school, 1st or 2nd lunch (talk to me!)
 - Keep all of your older work in your binder or folder by unit. This will help you review units to prepare for the Midterm Exam and the Final Exam
3. **WRITE**: Listen and speak to others but do your own best work. Copied work will not receive credit.
4. **ENGAGED**: Most of the learning takes place in class, so PARTICIPATE 100%.
 - Use of Chromebooks and phones in class will be determined by a Red or Green sign. Green means phones or Chromebooks for academic use are allowed, Red means phones are off and away.
5. **RESPECT**: Show respect to everyone. Be respectful of your classmates' space and belongings and of my room. Be safe especially during labs.
 - No food (drinks are okay in a sealed container) – we have mice!
 - Be safe during labs and clean up after yourself and others.
 - Please work bell to bell. Our time together each day is short.
 - Bathroom: 10/10 rule – not during first or last 10 minutes of class. Planners are your pass.

Repairing Relationships: I look forward to working together as a class to create and maintain a safe and learning-focused environment. When we run into difficulty (and we will) I will check in with you, your peers, your counselor, and your family to see how we can work together to maintain our respectful classroom environment. Every day holds opportunities to grow, learn, trust, and build relationships.

I have read and I understand the course syllabus, class requirements, and student expectations.

Student Name Printed: _____

Student Signature_____

Date_____

Parent/Guardian Signature_____

Date_____

Please have this signed and put in your binder at the front of your science section: Due September ____.

Dissection Preference: When we do **dissections**: which one fits you best?

___ I can dissect pig or pig organs.

___ I can help my group dissect a pig or pig organs, but I would not touch them.

___ I cannot dissect a pig or pig organs and would like a different animal like a cow or sheep.