

syllabus

Anatomy & Physiology

WARNINGTHIS COURSE IS
READING INTENSIVE**Teacher:** David Hogan**Email:** dhogan@jimned.esc14.net**Phone:** 325-554-7755**Campus:** Jim Ned High School**Year:** 2024-2025

Prerequisites

This course is recommended for students in Grades 10-12. Prerequisite: Biology and a second science credit.

Course Weighting Anatomy and Physiology is not a weighted course, therefore students do not earn the ten percent GPA weighting for the purposes of class rank.

Course Description The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Course Outline

- ☐ Six-weeks 1: Intro, Anatomical Terms, Macromolecules, Histology
- ☐ Six-weeks 2: Integumentary System, Skeletal System
- ☐ Six-weeks 3: Muscular System, Nervous System
- ☐ Six-weeks 4: Circulatory System, Immune System
- ☐ Six-weeks 5: Respiratory System, Digestive System, Endocrine System
- ☐ Six-weeks 6: Excretory System, Reproductive System

Stay Informed About Grades, Attendance, and Timeline

- ☐ Students and parents are expected to subscribe to grade and attendance notifications in Parent Portal.
- ☐ Students are expected to regularly monitor Google Classroom communications from the teacher.
- ☐ **Important:** It is extremely important that both students and parents communicate with the teacher about grades early and often. Addressing performance concerns near the end of a six-week grading period seldom provides the student an opportunity to recover.

Grades

- ☐ **Tests (40%)** Tests consist of multiple choice, matching, fill in the blank, data analysis, short answer, and/or short essay questions. Tests may not be retaken.
- ☐ **Labs (20%)** Labs consist of physical and virtual explorations.
- ☐ **Reading Quizzes (20%)** Students will be assigned extensive reading assignments in this course. The readings will reinforce topics discussed in class and students are expected to ask questions during class about any portion of the reading that isn't completely understood. Quizzes may not be retaken.
- ☐ **Homework Quizzes (15%)** Students should complete all homework assignments, check their work using the provided keys, and ask questions during class or tutoring about any portion of an assignment that isn't completely understood. Quizzes may not be retaken.
- ☐ **Vocabulary Quizzes (5%)** Students will receive a list of vocabulary terms/definitions for each unit. Each vocabulary quiz consists of 25 terms to be matched to the correct definition. Quizzes may not be retaken.

Tutorials

- Tutorials are available Monday – Friday, 7:30 – 8:00am.
- Students are encouraged to use these times to address any difficulties that they may be having with the course material and assignments.

Excused Absences and Make-up Work

- **Excused, Expected Absences** If a student is going to be absent from class for an expected, excused absence (school-sponsored activity, medical appointment, etc.), the student is responsible for collecting assignments prior to the absence. Labs may be replaced with an alternate assignment.
- **Excused, Unexpected Absences** If a student is absent due to an unexpected event (illness, family emergency, etc.), the student is responsible for collecting assignments immediately upon return. Labs may be replaced with an alternate assignment.
- **Unexcused Absences** Assignments missed due to an unexcused absence are not accepted and are assigned a grade of zero. At the teacher's discretion, these assignments may be accepted, given extenuating circumstances.

Expectations

- The teacher and students will arrive to class on time and prepared every day.
- Teacher and students will tend to other business (drinks, restroom breaks) during the passing period.
- The teacher will develop genuine relationships with individual students, extending courtesy and respect.
- The teacher and parents will communicate regularly and openly.

Policies

- **Academic Integrity:** Cheating of any kind will result in a grade of zero.
- **Phones:** Phones may not be visible or audible while in the classroom. Students are expected to have phones turned off during class time, unless directed otherwise by the teacher.
- **Chromebooks:** Students are expected to bring the school-issued Chromebook, with sufficient charge, each day. Chromebooks will be used at teacher discretion.
- **Failure to Comply:** Classroom discussion will be an important component of this course. However, a directive is not an invitation to engage in conversation or debate. When given an instruction, if a student fails to comply fully, classroom and/or campus disciplinary measures will be leveraged.