

Collegiate School of Medicine and Bioscience

PLTW Human Body Systems

2024-2025 Academic Term

Course Syllabus



**Teacher Information:** Dr. Mark Schisler

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Room: 103

**Contacting the Teacher:**

I am here to help you in any way that I can. If you need help in class, please ask. If you need help outside of class, do not hesitate to email, stop by for a visit before school, or schedule and come to Mentor period and get some extra help.

**Core Learning Goals:** Students are expected to:

- understand what science is and how science professionals use, contribute, and engage it.
- have knowledge of a wide variety of health and science professions, how the characteristics of each fit students' own skill sets, and what must be done to enter each profession.
- demonstrate professional science skills such as collaboration, critical thinking, clear communication, laboratory techniques, and interpretation/analysis of data.
- have a conceptual understanding of the major systems of the human body and the relationships between these systems and human illnesses.
- recognize and understand the interrelationships among health professionals, public health, individual health, and the natural environment, and the ethical considerations surrounding these connections.

**Course Schedule:**

We will follow the sequence of topics outlined by PLTW and do our best to follow the recommended pacing guide.

**Class Location**

Class will meet in room 103 and begin on time according to our bell schedule. Please be prepared for class with your laptop, PLTW notebook and pens for notetaking.

**Grading:**

Collegiate uses a traditional 5 letter grading system. The divisions are given below:

A	B	C	D	F
90-100%	80-89%	70-79%	60-69%	0-60%

Grades for the course will be based on several factors including classwork/homework, participation in class, collaboration with peers, and performance on assessments. Assignments for this course will include (but are not limited to) lab activities, discussions, group projects, reading reflections, comprehension and reasoning

questions. Students will be graded on a variety of factors. While mastery of content will make up most of a student's grade other factors will be assessed, including:

- respectful and productive collaboration
- communication skills
- demonstration of scientific skills
- willingness to engage tasks in thoughtful and meaningful ways
- the quality of final products, such as posters and presentations

**Semester grades will be calculated using the formula below:**

- 20% Quizzes
- 20% class assignments
- 20% Labs
- 40% Test
- **80% 2nd/4th quarter grade and 20% semester final exam for a total 100% equal to final grade**
- **grades will be kept as a running total not broken down by quarters**

#### **Supply List:**

**All students are requested to bring a box of tissue and a box of nitrile gloves (in their own size) to class by the end of the second week of class.** These will be used by the class over the course of the year. In addition, all students are required to have the following items every day during class:

- **A 1" binder or folder for graphic organizers. Divider tabs are recommended but not required.**
- **Pens to write with (black or blue ink only).**
- **colored pencils and paper**
- **CSMB Lab Notebook**

\*\*\*If you are unable to provide the above materials due to family or monetary reasons, please talk to me personally and we will find a solution. Our conversation will be strictly confidential.

#### **Class Website:**

This class is a computer based class. Students will log into the PLTW site to access or learning modules at [my.pltw.org](http://my.pltw.org) . Assignments will require students to submit work electronically via Microsoft Teams, Turnitin.com, or as hard copy as directed. Tests will be taken on edulastic.com.

#### **Lab Safety:**

This class involves a large amount of laboratory work. The laboratory setting is different from the traditional classroom in many ways. One significant difference is the increased risk of physical harm to students due to the presence of chemicals, the use of gas, electricity, and fire, and the use of instruments and equipment. In order to ensure the safety of all participants, students are expected to follow lab safety rules at all times during laboratory exercises, or when the classroom is set up for these tasks. Violations of safety rules will result in immediate exclusion from the laboratory, and will require an alternate written assignment for the missed activity. Students will be required to sign a lab safety contract before working in the lab.

#### **Absences:**

##### *Homework*

If a student misses class, they need to see check teams or email me to obtain their work. After students return to school, they have a period of time equal to that absent to turn in their missed work. (Example: If a student

misses Monday and Tuesday due to illness, students will have Wednesday and Thursday to work, with the assignment due Friday.)

#### *Assessments:*

If a student misses an assessment (quiz/test) they must see me immediately upon returning to schedule a time to take it. Students must schedule and take a make-up assessment on or before the first time they have the class, regardless of the length of their absence. **Failure to contact me and schedule a make-up assessment within this time will result in a zero for the assessment.**

#### **Late Work:**

Students are expected to turn in their classwork by the given deadlines. Extensions will be given for excused absences, such as those relating to illness or school sponsored events. If the student has advanced knowledge of the absence, then the teacher must be notified. **Failure to notify Dr. Schisler of an absence in advance when it is reasonable to do so may result in a late grade penalty even if the reason for the absence would normally be excused.**

The school policy states that late work will be accepted with a **20% penalty** for a period of one week past the due date. After that time, no credit will be given. Excused late work will be graded with no penalty if turned in by the extended deadline. **If a grade of zero is posted for an assignment in SIS, it is the student's responsibility to email the late work directly to me using the subject "Late work" in the subject field. Do not post the assignment on teams and expect me to retrieve it.**

#### **Rules and Discipline**

Our classroom is just that, *our* classroom. We are a team and a community. There are four rules in our classroom:

1. Be Respectful
2. Be Productive
3. Be Collegiate
4. Know and demonstrate the Core Values

These rules seem vague, and they are. They apply in all situations, but how they apply is different in each case. Students are expected to be mindful of these rules and act accordingly. When an individual's behavior no longer models the Core Values, I will have a private discussion with students to reinforce what appropriate behavior should look like. When class behavior becomes an issue, we may have a class meeting and define as a group what acceptable behavior looks like. When students are disruptive, I will remind them of what acceptable behavior looks like and email parents concerning our discussion. Students who are repeatedly disruptive will be subject to consequences consistent with the CSMB handbook. For serious rule violations or violent behavior, students will be referred to the administration and removed from the classroom immediately.

**General Procedures: Immediately upon entering The Classroom, students will be required to place cell phones securely away. Cell phones and headphones are not permitted on a daily basis. Additionally, if a student has a cell phone out during a quiz or test, I will assume they are using it to cheat and they will receive a zero for the event and parents and administrators will be notified.**

#### Leaving Your Seat

Students may leave their seats to sharpen pencils, get a tissue, or discard trash during work time, but not while the teacher is giving instructions. Students performing these tasks should do them quietly and return to their work.

## Leaving the Classroom

Students are expected to be in class for the duration of the period. Aside from unavoidable interruptions (e.g. the principal pulls a student from class) students will not be allowed to leave class to attend other matters like making phone calls or talking with another teacher. Students must ask for specific permission before leaving the classroom and must have a hall pass. Students are not allowed to leave class the first ten minutes or last ten minutes of the class period.

## Dismissal

At the end of the period, I will dismiss you. Do not begin packing your things or talking before I dismiss you. Class time ends at the bell, not before. When the bell rings, I will stop what I am doing, give any last instructions, and dismiss you promptly. Just as I ask students to respect class time, I will respect your in between time and release you quickly.

## Getting Students' Attention

If I need to get students' attention, I will do so in a manner appropriate for students' ages and behavior.

## Paper Headings

Do Nows and other assignments turned in on paper must be turned in as duplicates removed from the lab notebook and must display a standard header. In the top left corner please write clearly.

Student Name (First Last, example "Mark Schisler")

Current Date (example "08/17/15")

Class Period (example "1st Period")

## Turning In Homework/Classwork

Most work will be turned in online. When submitting on teams, please download a copy and submit directly, don't turn in online documents. For assignments turned in as a hard copy, the homework should be placed in the homework tray BEFORE the bell rings at the beginning of class. Classwork can be turned into the tray at any time during student work time but should not be turned in while the teacher is talking or giving instructions.

## Academic Integrity

Academic dishonesty is a serious offense that results in severe penalties in the college environment. While some instances of cheating, such as copying someone else's test paper, are obvious, others are not. Here are some examples of academic dishonesty:

- writing about an idea as if it were your own, when you got it from someone else or AI
- telling someone else about an assignment after you have done it but before they have
- turning in an assignment for one class that you have already turned in for another
- allowing your name to be added to an assignment when you did not participate in it
- sharing graded and returned tests or assignments with other students even old ones
- knowingly allowing someone to use copy of you or steal your work
- allowing someone else to put their name on work that you did

Students caught cheating in my class will receive an F for the assignment in question. In addition, their parents and the administration will be notified. Within the class, additional discussions and actions will occur to repair the damage done to our scholarly community.

#### Bullying/Harassment

Intimidating and demeaning others has no place in our classroom community. I consider bullying to be extremely serious and will address such behavior immediately.

#### Profanity

At Collegiate, our mission is to prepare students for college and society. While in my class at collegiate, students are expected to practice--in the same sense that a guitarist *practices* his instrument--civil language.

#### Offensive/Hateful Speech

As a respectful and collegiate place, hateful or demeaning language has no place in our classroom. While such messages are sometimes complicated and unintentional, there are some words (and we all know these types of words I'm talking about) should never be said in my classroom. These words exist for members of different races, religions, and sexual identities. The use of such words is not acceptable in our classroom, or our society, and I will address their use immediately and without exception.