

# SYLLABUS: 2020-2021

## CLASS & TEACHER

### SCHEDULE:

**1<sup>st</sup> per. - Biology**  
**2<sup>nd</sup> per. - Biology**  
**3<sup>rd</sup> per. - Genetics Hon**  
**4<sup>th</sup> per. - Biology**  
**5<sup>th</sup> per. - Biology**  
**6<sup>th</sup> per. - Biology**  
**7<sup>th</sup> per. - Planning**

Hello all! 2020 starts my 8th year teaching at CHS. I have a Bachelors Degree in Environmental Science from the University of South Florida, and a Masters Degree in Education from the University of Florida. This year, I am teaching Biology, Genetics, and I am coaching Girls Weightlifting. When I am not at school, I am coaching CrossFit, taking photos, traveling and hiking.

### MATERIALS NEEDED FOR CLASS:

\* Spiral Bound Notebook (8.5x11; 200 pages)  
\* Pen/Pencil \* Glue Sticks \* Hi-lighters \* Colored pencils  
Loose-leaf paper      Wireless Mouse      Hand Sanitizer

\* = items that are mandatory; all others are encouraged/personal preference



### content overview:

*Chapter 1: Introduction to Genetics*  
*Chapter 3: Mendelian Genetics*  
*Chapter 4: Extensions of Mendelian Genetics*  
*Chapter 2: Mitosis and Meiosis*  
*Chapter 5: Chromosome Mapping*  
*Chapter 7: Sex Determination & Chromosomes*  
*Chapter 8: Chromosome Mutations*  
*Chapters 10-12: DNA Structure*  
*Chapters 13-14: DNA to Proteins*

### Semester 2

#### Topics will include:

- Human Genome
- Development and Aging
- Gene Expression
- Multifactorial traits and behavior
- Immunity and Cancer Genetics
- Genetic Technologies

GRADING

A+

**A= 89.5-100**  
**B= 79.5-89.4**  
**C= 69.5-79.4**  
**D=59.5-69.5**  
**F= <59.4**

CONTACT ME.



email

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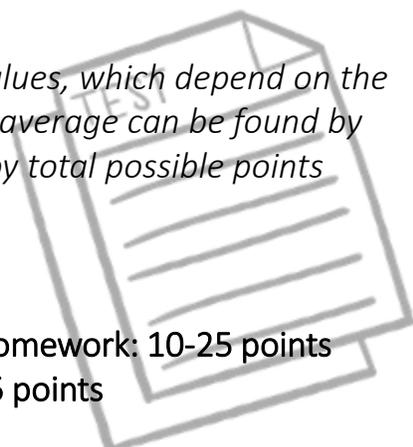
remind:

Remind Code: @8hhb36

### ASSESSMENTS:

All assignments are assigned point values, which depend on the complexity of the assignment. Your average can be found by dividing the total points earned by total possible points

- ✓ Tests: 100 points/Unit
- ✓ Reading Quizzes: 10 Points
- ✓ Binder: 30 points/ chapter
- ✓ Classwork/ Class Activities/ Homework: 10-25 points
- ✓ Dynamic Study Modules: 5-15 points



# TECHNOLOGY REQUIREMENTS:

- ❖ You must have a **Chromebook** or laptop in class every day. You are responsible for keeping it charged.
- ❖ **Canvas:** We will be using canvas as the main portal for getting assignments & submitting work. All assignments will be posted on canvas, and this will be the main method of communication in the class.
- ❖ **Remind:** You are required to add the remind group for the genetics course.
- ❖ **Mastering Genetics:** You will receive a access code for the textbooks online resources. All assignments from mastering genetics will also be posted on canvas.

Lets  
have a  
moment of  
**Science**

## policies + procedures:

### ENTERING CLASS

- ❖ Take earbuds out; store phone, earbuds and any other electronics in your backpack.
- ❖ Store your backpack under your desk or chair. No backpacks are allowed in the aisle or on the tables.
- ❖ Log onto chrome book and preview assignments for the day

### LEAVING CLASS

- ❖ You may pack up 3 minutes before the bell rings. Make sure all work is saved/ submitted before logging off.
- ❖ Pack all belongings in your backpack
- ❖ I will spray and wipe all tables while you pack up.
- ❖ Stay IN your seat until the bell rings
- ❖ Push your stool under your table and throw away trash as you leave

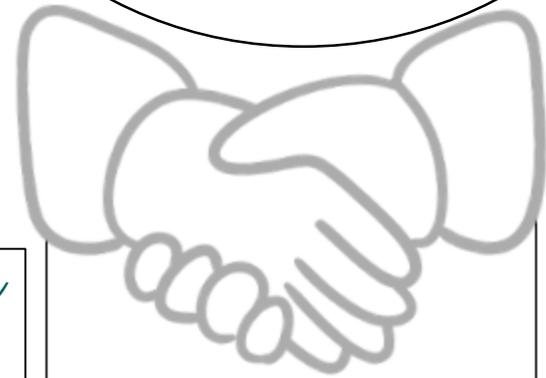
*Technology can  
be a great tool  
in learning, or  
the biggest  
interference.  
Use it  
responsibly.*

### ACADEMIC INTEGRITY

- ❖ Cheating of any kind will not be tolerated.
- ❖ Cheating and plagiarism include sharing answers, copying homework, sending answers or finished work, taking and sending pictures of your own work, etc.
- ❖ Cheating also includes using ANY resources on your test besides what is in your own head!
- ❖ I encourage a cooperative learning environment. This includes working together to clarify information or find an answer. This does NOT mean sharing answers or taking credit for another's work.

### *Late Work:*

*Late work will be counted as half credit. After 2 days, it will no longer be accepted. You will have access to assignments for several days, use your time accordingly.*



### miscellaneous:

#### COVID-19 & QUARENTINE GUIDELINES

- In the event that the school shifts to virtual learning, we will be using canvas as the main methods of communication. We will meet virtually as a class, and you will be required to upload all assignments to canvas for grading.
- If you are required to quarantine because of Covid-19 exposure, you will have full access to all course materials on Canvas.
- If you are seriously ill, please stay in communication with me so that I can be fair in grading and late work.

### REMINDER:

**Follow directions on Canvas to log into Mastering Genetics Site and complete Assignment #1: Introduction to Mastering Genetics. Due: Wed 9/2/2020**