**Principles of Plant Science & Hydroculture**

Course Syllabus

Chester County High School

2024-2025

**Instructor**: Mrs. Crouse Class #: S10

Email: [teresa.crouse@chestercountyschools.org](mailto:teresa.crouse@chestercountyschools.org) Planning: 3rd period

**Welcome!**

I am very excited to work with you to provide the best experience possible in this class.

**Course Description**

Principles of Plant Science and Hydroculture is the second course in the Horticulture path offered at Chester County High School. In this course students will learn about plant anatomy and physiology, classification, and fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems like those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers.

Grade(s): Sophomores, Juniors and Seniors

Required Platforms and websites:

● Gmail

● Google Classroom

**National FFA**

FFA is a leadership organization for scholars interested in agriculture. By enrolling in this class, you are an FFA member! The National FFA offers incredible opportunities for you including scholarships, speech and judging contests, conventions, community service and leadership training. Through the Chester County FFA you will make new friends, experience the world around you, and get the chance to explore several different career areas. It is truly an invaluable experience.

**SAE (Supervised Agriculture Experience)**

The SAE aspect of this class brings what we learn in the classroom to “real life.” You are required to have some type of project outside of class that relates to agriculture during your high school years.

# Supply List

3 ring binder with paper (only for this class)

Pencils, Highlighters, Colored Pencils

# What I expect from you:

# Be where you’re supposed to be.

# Do what you are supposed to be doing.

# Be respectful.

**Electronic Policy:**

Cell phones should be turned off and put away at the beginning of each class unless instructed to use it for your “Great Start”. If they are out when they shouldn’t be, then students may be ‘grounded’ which will require them to turn in their phone before each class for a period of time. If this continues to be a problem then the student’s phone will be turned into the office.

**Teaching Environment:**

I use a variety of teaching methods such as short lectures, assignments, tests/quizzes, group work/discussions, hands-on activities, and videos throughout the semester. These methods will help students with different learning styles. It will be your responsibility to keep up with all the material given in class and it will need to be placed in your notebook daily.

**Notebooks:**

It is your responsibility to bring your notebook, paper, and pencils to every class. They (notebooks) will be checked periodically, and it will count as a test grade!

**Attendance and make-up work:**

Any student with an absence will be able to make up the work they missed by going to the makeup binder in the room for any missing assignment. Please inform the teacher before missing class due to an approved school or other approved event.

**Grade determination:**

Each assignment, test, and project will be graded using the following scale. Some assignments may be evaluated using rubric.

Grading Scale: 90 – 100 A

80 – 89 B

70 – 79 C

60 – 69 D

0 – 59 F

# Ag Class Rules

1. Stay with your team during collaborative times.

2. Be respectful to everyone and everything in the classroom and learning environment\*

3. Be purposeful with your actions, work with the goal in mind.

4. All tools and supplies will be returned to their place by the end of class.

5. Own your accomplishments and mistakes.

\*Lack of respect toward peers, animals, tools, or materials needed in class may result in loss of lab privileges and/or immediate referral.

**Disciplinary Action:** 1st offense: Verbal Warning

2nd offense: Parents/Guardians will be contacted & you may be grounded in class.

3rd offense: Office referral