**General Horticulture and Plant Science**

**Course Information Teacher Information**

Prerequisites: None Name: Will Dezern

Fall 2019 Phone: 770-578-3266 ext. 607

Periods 3, 4 Office Location: Room 6134

Email: Stanley.Dezern@cobb k12.org

**Course Description:**

This course is designed as an introduction for the Plant and Landscape Systems Pathway Program of Study. The course introduces the major concepts of plant and horticulture science. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

**Course Outline:**

Students who successfully complete General Horticulture and Plant Science will be competent in the following areas:

* *Develop employability skills required for business and industry*
* *Recognize basic agricultural lab and field safety*
* *Identify plant parts, growth patterns, and reproductive strategies*
* *Determine factors that impact plant growth*
* *Compare and contrast sexual and asexual reproduction in plants*
* *Determine the basic principles of soil science*
* *Identify important plant macro- and micro-nutrients*
* *Explore the use of plant fertilizers in industry*
* *Evaluate the damage to plants caused by pests, weeds, and pathogens*
* *Discuss use of various plant growth containers and media*
* *Describe various plant irrigation methods*
* *Explore plant science careers and opportunities*

**Student Evaluation:**

Total score will be calculated from the following:

Tests (4) 15%

Quizzes 15%

Classwork 40%

Field Work 20%

Final Exam 10%

**Grading Policy:**

Quizzes and tests will be announced a week in advance. You will be given an opportunity to correct test and quiz questions for partial credit. Test corrections will take place in class after tests are graded.

Each student is expected to obtain and maintain a Warm-Up folder. These must be brought to class starting week 2. If you are unable to obtain a folder, talk to me and we can work it out.

**Attendance Policy:**

Students accept full responsibility for making up missed material due to absences. Upon returning from an absence, promptly meet with the instructor to discuss assignments that need to be made up.

**Daily Procedures:**

Students will arrive to class promptly and submit any late assignments to the bin marked with their class period number. Students will then look at the board and read the daily learning objectives. Next, students will locate the Warm-Up question written beneath the daily learning objective and begin answering the question in their Warm-Up folder. During this time, if the student wishes to discuss any classroom matters with the teacher, they may do so. If the Warm-Up is answered before time is up, students may read or work on study guides.

Questions are highly encouraged. Students will raise their hands if they have a question to alert the instructor. The instructor will note the raised hand, and the student may then ask their question.

Bathroom passes can be obtained after first asking permission from the instructor.

**Plagiarism and Cheating:**

Neither will be tolerated. Just don’t do it. Assignments that are found to be plagiarized will not be graded and must be redone. Cheating will result in a zero.

**Classroom Expectations:**

1. Arrive to class on time and promptly begin working
2. Be polite and respectful to classmates and teacher
3. Phones will not be used unless specifically stated otherwise
4. Follow school policies and safety instructions

**General Information:**

*If you are having trouble with any material in this class, come to me immediately and I can work with you. I will be available to help you understand so you can be successful in this class.*

**Please check and sign below**

*I,* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** *, have read the information and I fully understand what I’m expected to do in class.*

*Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*