**Horticulture II**

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## Program Overview: All classes in the Southern Nash Agricultural Education Department are divided into three main components. These include classroom and laboratory instruction, the Supervised Agricultural Experience (SAE) Program, and the National FFA Organization. Students who enroll in these classes at the high school level are expected to participate in each of the three areas. The Agricultural Education Department focuses on building career development skills in all students in the many areas of the field of agriculture.

**Course overview**: This course covers instruction that expands scientific knowledge and skills to include more advanced scientific computations and communication skills needed in the horticulture industry. Topics include leadership and SAE, nursery structures, growing environments and maintenance, greenhouse plant production, management and marketing, bedding plant production, basic landscape design techniques and maintenance, turfgrass management, and floral design techniques. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, job shadowing, and Supervised Agricultural Experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

**Prerequisite**: Horticulture I

**Unit A: LEADERSHIP and SAE**

* Understand leadership qualities.
* Understand leadership qualities and career building techniques desired by the horticulture industry.
* Understand parliamentary procedure.
* Understand SAE
* Understand SAE components and application to work-based learning.
* Understand a financial statement.

**Unit B: PLANT PRODUCTION**

* Understand nursery management.
* Understand nursery structures, growing environments and maintenance.
* Understand nursery production and marketing techniques.
* Understand greenhouse management.
* Remember greenhouse plants.
* Understand greenhouse structures, production and maintenance.

**Unit C: LANDSCAPE, TURF AND FLORAL DESIGN**

* Understand landscape design.
* Remember nursery plants.
* Understand principles of landscape design techniques and maintenance.
* Understand turf.
* Remember North Carolina turf grass types.
* Understand principles of turf grass planting.
* Understand floral design.
* Remember floriculture plants.
* Understand principles of floral design techniques.

**Expectations:**

* Students will be on time to class and have computers, papers, and pens/pencils with them. They will be courteous and respectful at all times and participate in classroom discussions/activities.
* All students will participate in the planting, transplanting, watering, weeding, and cleaning and maintenance in the greenhouse. (*Students could get soil, water and or plant parts on their hands and clothing and need to plan accordingly.)*
* Any absence from class that is excused requires a note to be brought in **within three school days**.

**Class materials needed:**

Pencil/pen, laptop computer

**9-Weeks Course Grade:**

Competency Test: 40%

Classwork: 30%

SAE project/Leadership Development project: 30%

**Final Exam:**

* All students are required to take the North Carolina CTE Post Assessment at the end of the semester. NO student can be exempt from this exam. The final exam is worth 20% of your final grade for this class.

Classroom Rules and Procedures

* Come to class on time, prepared with materials each day.
* Follow the directions the FIRST time they are given.
* Keep cell phones turned off and out of sight.
* Refrain from using profanity or derogatory remarks
* Respect the teacher, peers, and classroom guests at all times.
* Clean up after yourself and dispose of trash in the appropriate place.
* Open-toed shoes and sandals are inappropriate attire for this course.
* *Students may get dirt and water on their hands and clothing and need to plan accordingly*

**Cell Phone Policy:**

* Cell phones are **NOT** to be seen or heard at any point in the classroom, laboratory, or animal facility unless given permission to do so by the teacher.

**Tardy Policy:**

* All students should be inside the classroom before the tardy bell has finished ringing. Students who are less than 5 minutes late to class are considered tardy. Students who are more than 5 minutes late to class are considered skipping.
  + Tardy Consequences:

1st offense – Verbal Teacher Warning

2nd offense – Verbal Teacher Warning and Parent Contact

3rd offense – office referral – 1 day ISS (all day)

Each subsequent referral will also result in 1 day ISS (all day)

**Bathroom Passes:**

* Students are asked to take care of all bathroom needs before school, during lunch, and during the change of classes.
* Each student will be allowed to use the restroom during instructional time 5 times per semester. Students are only permitted to use the restroom the middle 30 minutes of class time.
* Each student will have a color coded pass card that is placed in a box near my desk. Once given permission, the student is to find their card, fill out the information and give the card to the teacher for a signature. Once the student has returned from the restroom the card should be placed back in the card box in alphabetical order. If the student loses the card and does not place the card back into the box, NO new card will be issued.

**Assignments:**

Students with late work (who are not absent) will only be able to receive maximum scores as follows:

* + 1st Late Day: 85%
  + 2nd Late Day: 70%
  + 3rd Late Day: 55%
* Any work after the 3rd late day will only be given a maximum value of 55%.
* Late work assignments will only be accepted up to 1 week before 9 weeks grades are due.

**Make-Up Work:**

* Students have 5 days from the return date of their absence to begin making up their missed assignments. If a student has not begun making up their work within this five day window, they will be given a zero for all assignments and tests.