



Horticulture I

Mr. Jolley - C144

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This course provides instruction on the broad field of horticulture emphasizing scientific and technical knowledge for a career in horticulture. Topics in this course include plant anatomy, plant growth and development, plant nutrition, media selection, basic plant identification, pest management, innovative gardening techniques, customer relations, career opportunities, and leadership development. Skills in biology, chemistry, and algebra are reinforced in this course. Work-based learning strategies appropriate for this course are agriscience projects, internships, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

- Pencils/Pens (Blue or Black ink only)
- Notebook Paper
- 1 ½ inch 3-ring binder
- Chromebook

All agriculture classes at Cuthbertson High School are focused around the three-circle model of Agricultural Education. The three circles include: classroom instruction, FFA, and Supervised Agricultural Experience (SAE). Classroom instruction will provide a foundation of knowledge on the course content along with many opportunities for hands-on experience to apply what is being taught. Secondly, the FFA is a National Organization that provides opportunities for leadership experience, community service, competitions in various agricultural areas, and much more. Finally, SAE projects are unique to Agricultural Education. These projects allow students to take what is learned in the classroom setting and apply that knowledge to real-world scenarios. Many different career options can also be explored while conducting SAE's.

NCDPI has mandated this course begin measuring proficiency through Performance Based Measurements (PBMs). At this time, PBMs and Teacher Made exams are to be completed at the end of each semester. The PBM will be completed throughout the semester and students will be responsible for uploading their evidence (assignments) for the PBM portfolio.

A. Leadership and SAE

B. Plant Physiology

C. Soils, Nutrients, and Fertilizers

D. Pest Management

(The complete course blueprint is available on the NCDPI website.)

- Unit tests will be given. Students will be informed of test dates ahead of time.
- Students will have weekly Plant ID quizzes.
- Various labs will be conducted in the greenhouse throughout the semester.
- Students will conduct an SAE project. Instructions will be given in class. Minimum of 25 hours will be due May 25th.

Tests/ Class Projects= 40%

SAE Project=20%

Quizzes= 15%

Greenhouse/Classroom Participation= 15%

Classwork/Homework= 10%

The app Remind 101 will be used to communicate with both students and parents via text message. To subscribe enter this number: 81010 and text this message @9bga4ef