

Horticulture Syllabus

Course Code: SCO206

Description: This semester course will explore practices and principles of horticulture (the biology, ecology and culture of plants directly used by humans). Students grow a variety of plants. This is a Career/Technology class. Students may also join 4H as part of this class.

Prerequisites: Successful completion of Scientific Systems and Inquiry (chemistry semester) is highly recommended.

Resources: A variety of printed and on-line materials will be used. The [NY State Bilingual glossaries](#) may be helpful.

Instructional Units:



WA Career Cluster 011103 §	Unit Description	Student I Can Statements
1.0	Demonstrate an understanding of plant physiology and growth.	Physiology
3.0	Classify plants and demonstrate an understanding of plant taxonomy.	Taxonomy
8.0	Propagate plants sexually and asexually.	Propagation
13.0	Demonstrate an understanding of the environmental requirements necessary for plant growth.	Environmental
12.0	Correctly select appropriate Integrated Pest Management techniques utilizing pest and control knowledge.	IPM
16-17	Demonstrate an understanding of site analysis and landscape design.	Landscape

Major Assessments: End of quarter exams and practical demonstrations

Grading Scales & Weights:

A	A-	B+	B	B-	C+	C	C-	D+	D	F
100-93	92-90	89-88	87-83	82-80	79-78	77-73	72-70	69-68	67-60	Below 60

Skyward Category	Weighting
Exams and Practicals	90%
Daily work	10%

Late Work & Re-Take Policy ∞ Assessments are eligible for redo up to 100%

- Students are eligible to redo assessments when key supporting assignments are complete. Key assignments provide evidence that students are ready to show mastery of a standard
- Students are eligible to redo key assignments as long as they have excused absences.
- There are assignments that may not be redone because they do not bear enough weight or the learning target for that assignment will be measured on another larger assignment.
- All opportunities for re-do work will come with a deadline as assigned by the teacher. All work must be completed by the end of a quarter.
- It is possible that some labs or activities will not be able to re-take or make up.
- Students missing planting times may suffer later grade consequences. **Plants can not "get caught up"**

Extra Help: Teachers will provide information regarding tutoring in classroom procedures. Students are encouraged to take advantage of tutoring opportunities. As well, one-on-one help will be offered in class.

OHHS Plagiarism Policy: Any student, who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, or other materials not authorized by the instructor during a test or assignment, the use of testing materials obtained previous to the test date, or plagiarism of any kind. Students found cheating will also be subject to an office referral, which could result in a suspension. As an effort based school, students who have plagiarized/cheated must still demonstrate their learning. Thus, students will be given the opportunity to complete the work. This will fall under the late work policy of the teacher where total possible points may be reduced.

Course Catalog Entry: Why do some plants eat animals? How do plants defend themselves against animals? The oldest organism and the largest organism on the planet are plants. How can that be? What does an oak tree and hemp have in common? Horticulture students will learn the art and science of growing and cloning plants. Ready to get your hands dirty? Oh and there will be bugs! And maybe a frog.