

Syllabus for AG-27 Nursery Practices

Course Information

Semester & Year: **Fall 2025**

Course ID and Section number: **AG-27-E9043**

Instructor's name: **Shirley Graser**

Day and time of required meetings:

Tuesdays 2:50pm-4:55pm Room: AT108/GH100

Thursdays 2:50pm-6:00 Room: GH100

Course units: **3.0**

Instructor Contact Information

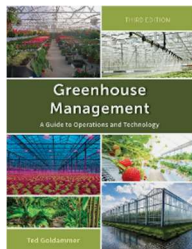
Office hours: By Appointment

Office Phone: 707-476-4361

(Best) Email address: Shirley-Graser@redwoods.edu or Canvas Inbox

Required Materials:

Greenhouse Management: A Guide to Operations and Technology by Ted Goldammer (Third Edition) ISBN: 9798897663484



Please let me know ASAP if you have any difficulty acquiring the textbook.

Catalog Description

A course of study of the production and cultural care of commercial container grown and field grown nursery operations. Among the topics covered are: crop scheduling, growing media, watering, fertilization, lighting, pests, temperature control, post-harvest handling, marketing and sales.

Course Student Learning Outcomes

- Compare and contrast old and new nursery industry practices to assess changes and advances.
- Identify basic marketing strategies used in the nursery industry.
- Apply proper cultural practices and grow nursery crops. Practices include: planting and potting up, scheduling crops, soil mixes and pasteurization, fertilizing and calculations, pest control,

pinching, pruning, shaping and watering.

Prerequisites/corequisites/ recommended preparation

None...but because this course carries with it CSU equivalent transfer units, students must be able to meet college-level reading and writing standards to complete this course. Successful completion of English 150 or English 102 or ENGL 153 means that students have attained college-level reading and writing skills.

AI Use Class Policy

Recent advancements in generative artificial intelligence (AI) have made large language models such as ChatGPT and Google's Bard widely available. However, overuse of these tools in this class can undermine your learning and curtail the development of your critical and creative thinking skills. In addition, AI outputs are often unreliable and frequently subject to bias. For these reasons, the policy of this class is that AI cannot be used at any point in the completion of class assignments, including discussion posts. Any or all of your assignment submissions may be screened by AI detection software, but the real penalty for AI misuse is that you will miss out on an opportunity to learn. Assignments deemed to be AI generated will receive a 0. You will have a chance to resubmit original work.

Classroom Conduct

1. Kindness, mindfulness in communication & RESPECT

I expect all people in the classroom to conduct themselves first and foremost with these 3 things in mind

2. Community Mindset

Our classroom is a safe and supportive learning environment. We will work hard while having fun and support each other to achieve our learning goals. Community = inclusivity

3. Patience

Give each other grace. Each of us enters the classroom with different lived experiences, skillsets and areas where we need growth. Exercise patience and ease with others.

Evaluation and Grading Policy

Evaluation for this course is based on your performance of the following assignments

Lecture: **20%**

Lab: **30%**

Quizzes & Reading Assignments: **22%**

Exams: **18%**

Research Paper: **10%**

Grades will be posted to Canvas promptly after an assignment is completed. Please be sure to check your grades throughout the semester so that you can alert me of any discrepancies that you notice.

Semester grades will be based on the percentage of the total possible points earned over the semester.

Grade Scale:

90-100% = A; 80-89% = B; 70-79% = C; 60-69% = D; 50-59% = F

Attendance & Participation:

Attending class and actively engaging is **critical** to your success in the course. You earn points just for showing up! This class is hands on and fast paced, it is easy to fall behind if you do not attend class. Life happens and emergencies come up. Please communicate with me if you will be missing class, if you need help, or have any questions.

Labs & Field Trips

There will be 9 lab assignments over the semester. Three of them are longer term, have two parts, and are worth 25 points each. You will be responsible for keeping track of your lab paperwork, checking on the progress of your experiments, and recording your observations.

Horticulture is a dirty business! Please help clean up the lab before you leave the greenhouse. This includes cleaning up after yourself, your workspace, and the greenhouse classroom.

We have several Field Trips planned where we will visit local nurseries/greenhouse operations and learn from real-world folks in the trade. These people are taking time out of their busy schedules to share their knowledge with us. You are expected to be respectful, punctual, and present. For both labs and field trips you will earn participation points for showing up and actively engaging. To earn full credit, you must stay for the entire duration of a lab/trip.

Reading Assignments & Quizzes

You will have 12 Reading Assignments over the semester that correspond with the required reading for that week. I suggest completing the reading assignment as you read through the chapter. Reading assignments are due at 11:59pm on **Thursdays** via Canvas. I will also accept assignments in person on Thursdays.

Aside from holidays and exam weeks, you will have a Quiz due each week on Canvas. Quizzes are due by **Sundays** at 11:59pm. Quizzes are directly related to reading assignments and lecture content.

Exams

This course is divided into 3 units. There will be 3 exams (including the final) that will consist of short answer and multiple-choice questions. The exams will be held in class. There will be no lecture or online quiz the week of the exam, but you will be responsible for checking on your experiments.

Research Paper

You will write a 1000-word research paper on a Greenhouse Pathogen of your choice (I will provide a list of suggestions). It must be in APA format, double spaced and include sources. This assignment will deepen your understanding of the various diseases that can affect greenhouse plants, and the methods used to manage these issues in a commercial setting.

We will have a lab dedicated to the research paper where you will learn how to search different databases for academic articles and about different tools available to easily site sources.

You will also be “presenting” to the class about your pathogen. Don’t worry! This is a very informal presentation where you will share a few facts with your classmates and should be 5 minutes or less. You can, but are not required to, share photos or slides with the class. More specific information, an official prompt and grading rubric are provided on Canvas.

Late Policy/Extra Credit

Since many of our experiments require advanced preparation and real-time observations, it is difficult to make up labs. However, it never hurts to ask. It is best to email me **before** a missed assignment or lab.

I accept late **reading assignments** up until the week before finals. Unexcused late assignments will automatically have 2 points deducted. There are no makeups for Quizzes, Exams or the research paper.

Technical malfunctions are not a valid excuse for missing assignments or deadlines. Please account for the unknown when completing assignments and leave adequate time to complete work.

That being said, we’re all human. Extreme circumstances can happen, so **please communicate with me** as soon as possible in the event of an unforeseen emergency. I am here to help you!

There will be several opportunities to make up points via extra credit assignments and by volunteering in the greenhouse.

Canvas

Canvas is a very important tool for this class! We will use Canvas as an information hub, to take quizzes, submit assignments, post grades, and communicate. You will be able to find Grades, the Syllabus, the Course Outline, Extra Credit Assignments and Weekly Content including all lecture slides and associated documents. You can also communicate with each other and with me via Canvas. I suggest you check canvas and/or your email **at least once a day** over the course of the semester.

Important Dates

Calendar		
Description	Full Term Classes	Other Than Full Term Classes
Semester Begins	8/23/2025	↓
Last Day to Register for Classes*	8/22/2025	Day before the first class meeting
Last Day to Add a Class**	8/29/2025	Friday of the 1st week of the class
Last Day to Drop & Receive a Refund (Student Services Fees are NOT Refunded)	9/5/2025	Business day before 20% of class
Last Day to Drop w/out a "W" (No Refund)	9/7/2025	Calendar day before 20% of class
Census Date	9/8/2025	20% of Class
Last Day to Petition to Graduate & Petition for Certificate	10/30/2025	Last Thursday in October
Last Day for Student/Faculty Withdrawal (No Refund; "W" grade issued)	10/31/2025	62.5% of Class
Final Examinations	12/13/25 - 12/19/25	
Last Day to File P/NP Option	12/19/2025	Last Day of Class
Semester Ends	12/19/2025	Last Day of Class
Grades Due (Instructor Enters via WebAdvisor)	12/26/2025	One Week after Class Ends
Grades Available for Transcript Release ® (Approximate)	1/2/2026	Viewable on WebAdvisor Day After Instructor Enters Grade
Holidays		
Labor Day	9/1/2025	(All Campuses Closed)
Veteran's Day	11/11/2025	(All Campuses Closed)
Fall Break	11/24/25-11/28/25	(No Classes)
Thanksgiving	11/26/25-11/28/25	(All Campuses Closed)
Winter Break	12/22/25-12/26/25	(All Campuses Closed)
New Years Day	1/1/2026	(All Campuses Closed)

Educational Accessibility and Support

College of the Redwoods is committed to providing reasonable accommodations for qualified students who could benefit from additional educational support and services. You may qualify if you have a physical, mental, sensory, or intellectual condition which causes you to struggle academically, including but not limited to:

- Mental health conditions such as depression, anxiety, PTSD, or bipolar disorder
- Common ailments such as arthritis, asthma, diabetes, autoimmune disorders, and diseases
- Temporary impairments such as a broken bone, recovery from significant surgery, or a pregnancy-related disability
- Neurodevelopmental disorders such as a learning disability, intellectual disability, autism, acquired brain injury, or ADHD

- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the [LIGHT Center](#), counseling and advising, alternate formats of course materials (e.g., audio books, braille, E-texts), assistive technology, learning disability assessments, approval for personal attendants, interpreters, priority registration, on-campus transportation, adaptive physical education and living skills courses, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact [Student Accessibility Support Services \(SASS\)](#). If you are unsure whether you qualify, please contact Student Accessibility Support Services (SASS) for a consultation: sass@redwoods.edu.

SASS office locations and phone numbers

Eureka campus

- Phone: 707-476-4280
- Location: Learning Resource Center (Library)

Del Norte campus

- Phone: 707-465-2353
- Location: main building, near the Library

Klamath-Trinity campus

- Phone: 707-476-4280