

Course Syllabus

 Edit

HORT 184 – INTRODUCTION TO ARBORICULTURE FALL 2024

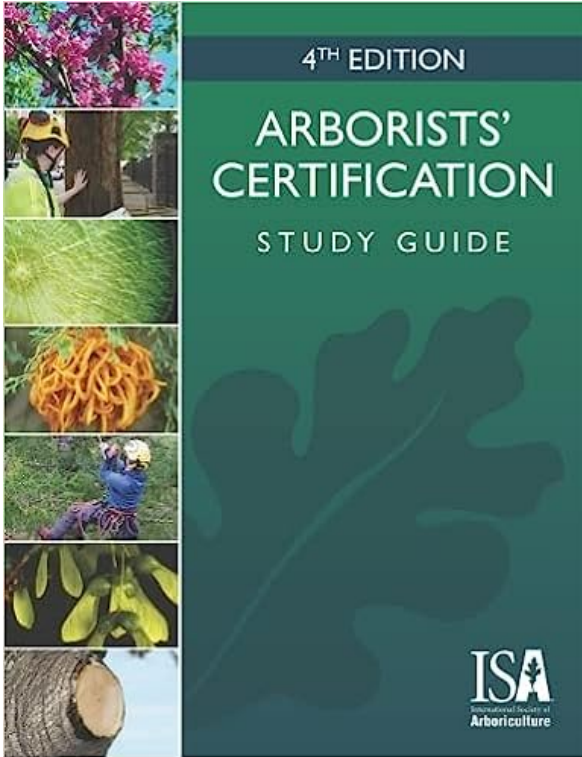
3 CREDITS

Wednesdays 8/27 - 12/10, 5:30 PM – 8:25 PM

Center for Agricultural Education, Shone Farm 100

Two Saturday field trips 9/27, 11/22 from 9:00 AM - 3:00 PM

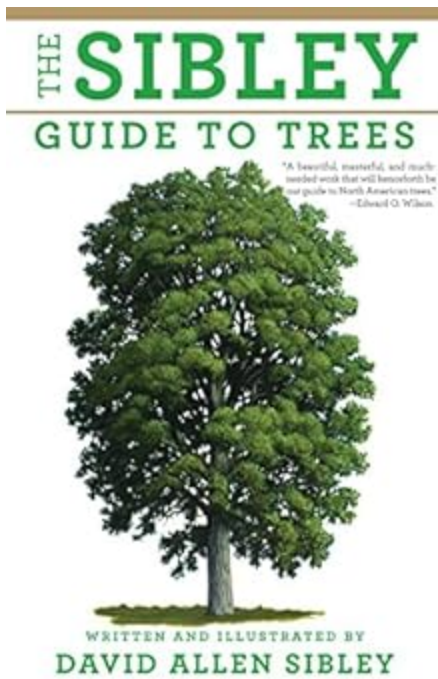
REQUIRED TEXT:



[Lilly, Basset, Komen, Purcell. Arborist' Certification Study Guide, 4th edition. Atlanta, GA: International Society of Arboriculture 2022](https://www.amazon.com/Arborists-Certification-Study-Guide-4th-dp-1943378215/dp/1943378215/ref=dp_ob_title_bk)  [_ \(https://www.amazon.com/Arborists-Certification-Study-Guide-4th-dp-1943378215/dp/1943378215/ref=dp_ob_title_bk\)](https://www.amazon.com/Arborists-Certification-Study-Guide-4th-dp-1943378215/dp/1943378215/ref=dp_ob_title_bk)

ISBN: 9781943378215

RECOMMENDED TEXT:



Sibley, David Allen. The Sibley Guide to Trees. [↗\(https://www.sibleyguides.com/product/the-sibley-guide-to-trees/\)](https://www.sibleyguides.com/product/the-sibley-guide-to-trees/)

New York NY: Knopf, 2009 [↗\(https://www.sibleyguides.com/product/the-sibley-guide-to-trees/\)](https://www.sibleyguides.com/product/the-sibley-guide-to-trees/)

ISBN: 9780375415197

COURSE DESCRIPTION: Principles of urban forestry, arboriculture careers, and tree care; including tree biology, tree identification, plant health care, soils, nutrition, planting, worker safety, climbing, pruning, tree risk assessment, tree care tools and equipment. This course provides the knowledge necessary to be successful in the tree care profession. This course also prepares students for the International Society of Arboriculture's (ISA) Arborist Certification examination. Field lectures on the SRJC campus and other locations may be required.

LEARNING OUTCOMES: Upon completion of this course, you will be able to:

1. Describe the basic function and composition of a tree's vascular system.
2. Identify the most common structural, biological, and cultural defects associated with urban trees.
3. Compare and contrast various procedures and techniques used in tree pruning and tree care.

CONTACT INFORMATION:

Instructor: Merlin Schlumberger

Office: Horticulture Department

Office hours: Wednesday 4:30 – 5:30

please sign up for office hours in advance

Email: mschlumberger@santarosa.edu (<mailto:mschlumberger@santarosa.edu>)

CANVAS messaging is preferred

COURSE SCHEDULE *(tentative, field trip dates not confirmed yet)*

DATE	TOPIC	ASSIGNED READING
8/27	Course Intro, Concept and History of Arboriculture	
9/03	Tree Biology	Chapter 1
9/10	Tree Biology, Tree Identification	Chapters 1,2
9/17	Soil Science	Chapter 3
9/24	Quiz , Water Management	Chapter 4
9/27	Saturday Field Trip	
10/01	Tree Selection, Installation and Establishment	Chapter 6,7
10/08	Tree Nutrition and Fertilization	Chapters 5
10/15	MIDTERM EXAM	
10/22	Diagnosis and Plant Disorders, Plant Health Care. <i>Guest speaker Dr. Michael Jones UCANR Forest Advisor, Sonoma, Mendocino and Lake Counties</i>	Chapters 10, 11
10/29	Pruning, Structural Pruning	Chapter 8

11/05	Quiz , Tree Care for Wildlife, Tree Worker Safety, Climbing and Working in Trees	Chapter 15, 16
11/12	Tree Support and Lightning Protection, Urban Forestry	Chapters 9, 14
11/19	Tree Assessment and Risk Management, Tree Risk Assessment, Arboriculture and the Law, Fruit tree pruning	Chapter 12
11/22	Saturday Field Trip	
12/03	Trees and Construction	Chapter 13
12/10	FINAL EXAM	

SCHEDULE NOTES:

Assigned reading is to be done prior to the course meeting. Specific pages to focus on within the textbook will be announced in class. Homework from the text will also be announced in class.

Quizzes will take place promptly at the beginning of class.

GRADES: The following breakdown represents the distribution of points for your course grade.

Quizzes	15%	A 90 - 100%
1 Midterm Exam	15%	B 80 - 89.9%
1 Final Exam	20%	C 70 – 79.9%
Assignments/Attendance	50%	D 60 - 69.9%
		F 0 - 59.9%
TOTAL	100%	

COURSE POLICIES

ABSENCE: It is the student's responsibility to obtain any notes, handouts, or assignments from a missed class meeting. In the case of assignment due dates, it is the student's responsibility to arrange delivery of completed assignments at or prior to their assigned due date – failure to turn in an assignment due to absence will result in a late assignment.

TARDINESS: Please make every effort to arrive in class on-time. If you do arrive late, please enter the class quietly and with minimal disruption. All lectures and exams begin promptly at the beginning of class – if you arrive late you will have less time to complete your exam.

LATE ASSIGNMENTS: Assignments may be turned in up to one week late. Your grade on the late assignment will be reduced 10% from the marked grade due to tardiness.

MAKE-UPS: Make up assignments and exams will be determined on a case-by-case basis.

OPEN COMMUNICATION

My role is to guide and support you in meeting the student learning outcomes listed above, and in achieving your academic and professional goals. Please keep me informed of any challenges or suggestions you have regarding the course content, schedule, or assignments. I am here to help but I can't help if I don't know what is going on.

STUDENT RESPONSIBILITIES:

From SRJC's Student Code of Conduct: "Student shall conduct himself or herself in a manner which reflects their awareness of common standards of decency and the rights of others. . ."

If you are unfamiliar with SRJC's student code of conduct, please review it:

<http://student-conduct.santarosa.edu/> (<http://student-conduct.santarosa.edu/>)

STUDENT SUPPORT:

Santa Rosa Junior College has established a comprehensive array of student services programs that are carefully designed by a team of eminently qualified professionals. The many leaders of student services — managers, counselors, classified, students — share a commitment to work toward a common vision, guided by the mission of the College and dedicated toward student development.

See <https://student-services.santarosa.edu/> (<https://student-services.santarosa.edu/>) for more information.

ACADEMIC INTEGRITY:

The SRJC does not tolerate academic dishonesty – which includes cheating and plagiarism. In this course, you are expected to cite the original authors of all works and credit the owners of photographs and images.

The college's academic integrity policy, which aims to uphold principles of academic freedom, sets forth responsibilities for both its Faculty and Students, and is available online at:

<https://studentlife.santarosa.edu/academic-integrity> (<https://studentlife.santarosa.edu/academic-integrity>).

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

If you need disability related accommodations for this class, such as a notetaker, test-taking services, special furniture, etc., please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to the instructor as soon as possible. Also speak with the instructor privately during office hours about your accommodations. If you have not received authorization from DRD, it is recommended that you contact them directly. DRD is located in Bertolini Hall (3rd Floor) on the Santa Rosa Campus, and Jacobs Hall on the Petaluma Campus.

<https://drd.santarosa.edu/> (<https://drd.santarosa.edu/>)