

STOCKSCH 235

Pruning Fruit Crops

Class Description:

This class provides the student with both the theoretical and practical knowledge necessary to train and prune deciduous fruit plants. The emphasis is placed on practical experience.

Instructor:

Dr. Wesley Autio

Office: 205 Paige Laboratory
 Telephone: 545-2963
 Email: autio@umass.edu
 Office hours: by appointment

Class Meetings:

First class (January 24 only): Thursday, 1:00 PM - 2:15 PM, 202 Paige Laboratory.

March - April classes: Thursday, 1:30 PM - 4:30 PM, UMass Cold Spring Orchard Research & Education Center and the UMass campus.

Required Reading:

Required readings are from a course packet available at Campus Design & Copy (312 Bartlett) (<https://cdandc.wixsite.com/cdcopy>).

Grades:

Quizzes (each class, March 1 - April 12) = 50% and class participation (March 1 - April 26) = 50%.

WPS Training:

Worker Protection Standard training is required. It must be completed online, and a certificate should be printed and submitted to Dr. Autio on or before **March 7**.

Date	Class Topic	Reading assignment for the quiz
Jan. 24	Introduction <i>202 Paige Laboratory</i>	
March 7	Introduction to apple pruning <i>UMass Cold Spring Orchard</i>	Forshey et al.: vii-23 Video: https://www.youtube.com/watch?v=qx7ndnTeUME (course packet pp. 7-33)
March 21	Pruning apple trees <i>UMass Cold Spring Orchard</i>	Forshey et al.: 25-54 Lord & Anderson: 1-5, 8-12 (course packet pp. 35-64, 179-183, 186-190)
March 28	Grafting apple trees <i>UMass Cold Spring Orchard</i>	Forshey et al.: 73-101 Lord & Anderson: 5-8, 12-14 (course packet pp. 83-111, 183-186, 190-192)
April 4	Pruning apple trees <i>UMass Cold Spring Orchard</i>	Forshey et al.: 103-158 Lord & Anderson: 14-15 (course packet pp. 113-168, 192-193)
April 11	Pruning peach trees <i>UMass Cold Spring Orchard</i>	Pear/plum/cherry handout (course packet pp. 217-221, 229-233)
April 18	Pruning peach trees <i>UMass Cold Spring Orchard</i>	Peach handout Video: http://www.youtube.com/watch?v=OBrwFTYrlc4 (course packet pp. 222-228)
April 25	Pruning crabapples <i>UMass Campus</i>	

GRADES

1. Quizzes (6 class days) will consist of a collection of essay, short answer, fill-in-the-blank, true/false, and multiple choice questions.
2. Make-up quizzes generally will not be given. Only under unusual circumstances, such as serious illness or death in the immediate family, will a student be permitted to take a make-up quiz. Oversleeping, car troubles, head-cold, and too many exams are not legitimate excuses for missing the quiz. In the event of illness or other serious problem, contact the instructor BEFORE a quiz if at all possible. If a make-up quiz is given, it may take any form, such as essay or oral questioning.
3. Students who cheat on a quiz will either be expelled from the University, receive an F for the course, or a zero for the quiz. This determination will be based on the severity of the situation and will be made by several authorities.
4. Grades will follow the standard ranges: A=93-100; A-=90-92; B+=88-89; B=83-87; B-=80-82, C+=78-79; C=73-77; C-=70-72; D+=68-69; D=63-67; D-=60-62; F<60.
5. Since the class is largely a laboratory class, 50% of the grade will be based on participation in the 7 classes. You must make every effort to attend all classes.

OTHER CONCERNS

1. Pruning equipment will be provided for your use; however, you are encouraged to purchase your own equipment and bring it to class.
2. If the weather is foul, dress appropriately. With the limited number of sessions, we will have to go outside in most bad weather.
3. Do not be late for class, since quizzes will be administered at 1:30PM. If you miss a class because of tardiness your grade will still be reduced.

TRAVEL TO PRUNING LOCATIONS

1. If at all possible, please arrange travel to the pruning locations.