Tree and Small Fruit Production  
FRC 3274

Instructor: Jeff Williamson, professor, 2113 Fifield, (352) 273-4823, jgrw@ufl.edu

Class Description: Current principles and cultural practices of temperate tree, bush, and vine fruit crop production in Florida and in other regions of the World. Major emphasis will be on practical aspects based on an understanding of underlying biology and physiology.

Tests: There will be three exams during the semester.

Grading Criteria: The three exams will contribute 90% of the final grade. Tests will be mostly short answer and discussion type. Class attendance and participation will contribute 10%. You can get the 10% by not missing more than 3 lectures total, and by making weekly comments or questions in class. For information on current UF policies for assigning grade points, see https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Absences and Make-Up Work: Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Academic Honesty: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php.

Software Use: All faculty, staff and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate.
Campus Helping Resources: Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university’s counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575, www.counseling.ufl.edu/cwc/  
  Counseling Services  
  Groups and Workshops  
  Outreach and Consultation  
  Self-Help Library  
  Training Programs  
  Community Provider Database

- Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/  

Services for Students with Disabilities: The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation

0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>August 24</td>
<td>Course description and expectations</td>
</tr>
<tr>
<td>August 26</td>
<td>Crop origin, classification, history and world distribution and production</td>
</tr>
<tr>
<td>August 28</td>
<td>Classification of buds, flowers, and fruits</td>
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<td>August 31</td>
<td>Classification of fruits and fruit bearing habits – examples for tasting</td>
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<tr>
<td>Sept. 2</td>
<td>Visit teaching orchard</td>
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<td>Sept. 4</td>
<td>Orchard site selection and preparation</td>
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<td>Sept. 7</td>
<td>Labor Day – no class</td>
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<td>Sept. 9</td>
<td>Field trip to UF-Plant Research and Education Center (date tentative)</td>
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<tr>
<td>Sept. 11</td>
<td>Dormancy types and their implications</td>
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<td>Sept. 14</td>
<td>Satisfying dormancy, heat unit accumulation, plant hormones</td>
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<td>Sept. 16</td>
<td>Plant hormones and plant growth regulators – use and importance</td>
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<td>Sept. 18</td>
<td>Rootstocks – uses, examples</td>
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<td>Sept. 21</td>
<td>Methods of fruit tree propagation</td>
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<tr>
<td>Sept. 23</td>
<td>Pollination and fruit set/review for Exam 1</td>
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<td>Sept. 25</td>
<td>Exam 1</td>
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<td>Sept. 28</td>
<td>Pruning and training</td>
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Sept. 30  Pruning (in the field)

October 2  Plant nutrition

October 5  Plant nutrition continued and fertilization programs

October 7  Irrigation types and scheduling

October 9  Freeze protection

October 12  Freeze protection continued, pome fruits

October 14  Pome fruits – apple

October 16  Apple continued, review for Exam 2

October 18  Exam 2

October 21  Pome fruits (pear, quince)

October 23  Stone fruits (peach, nectarine and plum).

October 25  Stone fruits (peach, nectarine and plum) continued

October 28  Stone fruits (cherry)

October 30  Persimmon

November 1  Blueberry

November 4  Blueberry continued

November 6  Homecoming – no class
November 9   Brambles

November 11  Veteran’s Day (no class)

November 13  Brambles/strawberry

November 16  Strawberry

November 18  Viticulture

November 20  Pecan

November 23  Walnuts and other nut crops

November 25  Thanksgiving Holiday (no class)

November 27  Thanksgiving Holiday (no class)

November 30  Minor crops - loquat, figs, mayhaw, jujube, crabapples, mulberries, pomegranate, feijoa

December 2  Minor crops - loquat, figs, mayhaw, jujube, crabapples, mulberries, pomegranate, feijoa

December 4  Review

December 7  Exam 3