

## TROPICAL AND SUBTROPICAL FRUIT

FRC 3252 - 2 Credits

Tuesdays & Thursdays, Period 2, 8:30-9:20

Fifield 2316

Fall 2020

### Course Description and Requirements

**Instructor:**

Dr. José X. Chaparro

352-562-3076

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**Textbook:**

“Tropical Fruits” Vols 1 and 2 by R. E. Paull and Odilo Duarte

Ebooks: Vol 1 :[SB359 .P38 2011eb \(ONLINE\)](#)

Vol 2 :[SB359 .P38 2012 \(ONLINE\)](#)

**Description:**

This introductory and survey course is intended for students with no background in tropical or subtropical fruits. The objective of the course is to provide basic information on several of the most important tropical and subtropical fruit crops from a worldwide and Florida perspective. Information will be provided on the origin, botany, cultivars, uses, and distribution of these important fruits. Some information will also be provided on cultural practices, diseases, pests, and postharvest handling.

**Grading and Attendance Policies:** The final grade will be determined from 3 in-class exams each worth 100 points (300 points total). In addition, each student is asked to give a 10-minute oral presentation on a tropical or subtropical crop not covered in class. A sign-up sheet will be emailed early in the semester. Three labs covering plant anatomy, plant propagation and pest and pathogen detection will be held at the teaching orchard. Attendance to these labs is optional. The presentation and participation in the optional labs will be factored into the final grade as extra credit. Class attendance and participation will also affect the final grade.

Final grades will be based on the performance of each student relative to the following standard percentages:

<b>100-93</b>	<b>A</b>
<b>92-90</b>	<b>A-</b>
<b>89-87</b>	<b>B+</b>
<b>86-83</b>	<b>B</b>
<b>82-80</b>	<b>B-</b>
<b>79-77</b>	<b>C+</b>
<b>76-73</b>	<b>C</b>
<b>72-70</b>	<b>C-</b>
<b>69-67</b>	<b>D+</b>
<b>66-63</b>	<b>D</b>
<b>62-60</b>	<b>D-</b>
<b>59-00</b>	<b>E</b>

The final grades will be determined as in the following example:

	<u>Possible</u>	<u>Actual</u>
Exams (3)	300	280
Total	300	$280/300 = 93.3 = A$

### **Academic Honesty, Software Use, Services for Students with Disabilities, UF Counseling Services:**

The University of Florida requires all members of its community to be honest in all endeavors. Cheating, plagiarism, and other acts diminish the process of learning. When students enroll at UF they commit themselves to honesty and integrity. Your instructor fully expects you to adhere to the academic honesty guidelines you signed when you were admitted to UF.

As a result of completing the registration form at the University of Florida, every student has signed the following statement:

*“I understand the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University.”* Furthermore, on work submitted for credit by UF students, 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 to be assumed all work will be completed independently unless the assignment is defined as group project, in writing by the professor.

This policy will be vigorously upheld at all times in this course.

### **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 crisis or personal problems that interfere with their general wellbeing are encouraged to utilize the university’s counseling resources. Both the Counseling Center and Student Mental Health provide confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal or lacking clear career and academic goals, which interfere with their academic performance. The Counseling & Wellness Center is located at 3190 Radio Road. The Student Mental Health and the Counseling Centers have consolidated into a single comprehensive center to better serve the needs of the University of Florida students and campus community.

1. University Counseling & Wellness Center, 3190 Radio Road, 392-1575; student mental health, personal and career counseling: <https://www.counseling.ufl.edu/cwc/>
2. Student Health Care Center, 392-1161, personal counseling: <http://www.shcc.ufl.edu/>
3. Sexual Assault Recovery Services (SARS), Student Health Care Center, 392-1161, sexual assault counseling; and
4. Career Resource Center, Reitz Union, 392-1601, career development Assistance and counseling.

**Students with Disabilities Act:**

The Dean of Students Office coordinates the needed accommodations of students with disabilities. This includes the registration of disabilities, academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services, and mediating faculty-student disability related issues. *Dean of Students Office*, 202 Peabody Hall, 392-7066 [www.dso.ufl.edu](http://www.dso.ufl.edu).

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Week No.	Date	Topic	Additional Reading (On Reserve)
1	Sept. 1	Introduction	
	Sept. 1	World Production, Climate & Soils	VI:Chap. 2, p. 11-32
2	Sept. 3	Cultural Practices	
	Sept. 8	Banana & Plantain	VI:Chap. 8, p. 185-220
3	Sept. 10	Banana & Plantain	
	Sept. 15	Mango	VI:Chap. 10, p. 252-290
4	Sept. 17	Mango	
	Sept. 22	<b>Exam 1</b>	
5	Sept. 24	Coconut Palm	VII:Chap. 9, p. 191-209
	Sept. 29	Date Palm (Ali Sarkosh)	
6	Oct. 1	Papaya	VI:Chap. 11, p. 291-326
	Oct. 6	Pineapple	VI:Chap. 12, p. 327-365
7	Oct. 8	Citrus (Quinton Allen)	
	Oct. 13	Olive (Lorenzo Rossi)	
8	Oct. 15	Passion fruit (Gabriel Matsumoto)	VII:Chap. 8, p. 161-190
	Oct. 20	<b>Exam 2</b>	
9	Oct. 22	Litchee, Longan	VI:Chap. 9, p. 221-251
	Oct. 27	Annonas	VI:Chap. 6, p. 123-152
10	Oct. 29	Annonas	
	Nov. 3	Avocado	VI:Chap. 7, p. 153-184
11	Nov. 10	Avocado	
	Nov. 12	Pomegranate (Ali Sarkosh)	
12	Nov. 17	<b>Exam 3</b>	

	Nov. 19	Presentations	
13	Nov. 24	Presentations	
	Nov. 26	Class cancelled	
14	Dec. 1	Presentations	
	Dec. 3	Presentations	
15	Dec. 8	Presentations	
	Dec. 10	Presentations	
16			
17			