



Environmental Plant Identification Lab (ORH 3513C/HOS 5115C)-2 credits

Lab Syllabus

Syllabus Contents

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Course Website:

[http://
irrecenvhort.ifas.ufl.edu](http://irrecenvhort.ifas.ufl.edu)

Indian River Research
and Education Center
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Course Instructor:

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Lab Assistants:

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Course Textbook:

Dehgan, B. 1998. Landscape
Plants for Subtropical Climates –
Required

Class Meeting Time and Location

Wednesday (4:00 pm-6:00 pm)

IRREC classroom #44

Course Description:

This is an upper level environmental horticulture course designed to introduce students with a plant science background to the wide array of trees and shrubs used in the landscapes of central-south Florida. Weekly labs will cover plant nomenclature, taxonomic identification, cultural requirements, and production references of over 150 species.

Course Objectives:

1. To identify \pm 150 trees and shrubs that perform well in central-south Florida.
2. To become familiar with botanical and horticultural nomenclature related to these species.
3. To illustrate the importance of plant profiles and how they relate to plant selection, establishment, and maintenance.
4. To stimulate critical thinking through class discussions, reading assignments, and field practice.
5. To encourage an interest, understanding, and appreciation of Florida's non-indigenous and indigenous flora.

Academic Honesty: In adopting the following honor code, the students of University of Florida recognize that academic honesty and integrity are fundamental values of the university community. Any individual who becomes aware of a violation of the honor code is bound by honor to take corrective action (www.dso.ufl.edu/stg).

The Honor Code: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.

Counseling Center: The University Counseling Center offers counseling services to currently enrolled students for personal, career and educational concerns (www.counsel.ufl.edu).

Computer Requirement: Access to and on-going use of a computer are required of all students to complete their degree programs successfully. The university expects each student entering the university and continuing students to acquire computer hardware and software appropriate to the degree program. Competency in the basic use of a computer is a requirement for graduation (www.circa.ufl.edu/computers).

Suggested Readings:

Bridwell, F.M. 2003. Landscape Plants: Their Identification, Culture, and Use. Delmar /Thomas Learning.

Broschat, T.K. and A.W. Merrow. 1996. Betrocks's Reference Guide to Florida Landscape Plants. Betrock Information Systems, Inc.

Crawford, P. 2001. Easy Gardens for South Florida. Color Garden, Inc.

Dirr, M.A. 1998. Manual of Woody Landscape Plants. Stipes Publishing, Champaign, IL.

Dirr, M.A. 2002. Dirr's Trees and Shrubs for Warm Climates. Timber Press, Inc., Portland, OR.

Attendance and Participation

Students are expected to attend and participate in lab. Participation may be a deciding factor in determining borderline grades. If you miss class, you are responsible for the material covered. There will be no make-up quizzes.

Student Evaluation

Grades will be based on performance during labs:

ID quizzes (10 plants each).....	80%
Final lab cumulative exam (20 plants)	20%

*****Note: Graduate students must also complete a plant identification sheet (10%- details given separately).**

Grading Policy

Final grades will be based on the following scale:

100-90	A
89-87	B+
86-80	B
79-77	C+
76-70	C
69-67	D+
66-60	D
Below 59	E



Suggested Readings-Continued

Harris, J.G. and M.W. Harris. 2001. Plant Identification Terminology. Spring Lake Publishing, Spring Lake, Utah.

Jarrett, A. 2003. Ornamental Tropical Shrubs. Pineapple Press, Sarasota, FL.

Nelson, G. 1994. The Trees of Florida Pineapple Press, Inc. Sarasota, FL.

Nelson, G. 1996. The Shrubs & Woody Vines of Florida. Pineapple Press, Inc., Sarasota, FL.

Stresau, F.B. 1986. Florida, My Eden. Florida Classics Library, Port Salerno, FL.

Watkins, J.V. ,T. J. Sheehan, and R.J. Black. 2005. Florida Landscape Plants. University Press of Florida, Gainesville, FL.

Wunderlin, R.P. 1998. Guide to the Vascular Plants of Florida. University Press of Florida, Gainesville, FL.

Zomlefer, W.B. 1994. Guide to Flowering Plant Families. University of North Carolina Press, Chapel Hill, NC.