

Certificate Assessment Plan: Environmental Horticulture Management 2013-2014

**Institutional Assessment
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Office of the Provost

University of Florida

Institutional Assessment

*Continuous Quality
Enhancement Series*

Environmental
Horticulture
Management

College of Agricultural
and Life Sciences

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Environmental Horticulture Management

College of Agricultural and Life Sciences

2013-14 Certificate Assessment Plan

A. Rationale

The Environmental Horticulture Department has been recognized as a national leader in sustainable ornamental greenhouse/nursery and/or landscape practices. Our target audience is the working professional and/or adult learner who is place-bound and cannot attend classes in Gainesville. All of the courses in the Environmental Horticulture Management undergraduate certificate program are offered online for statewide delivery. This certificate would build on the off-campus statewide delivery of environmental horticulture classes and offer an alternative to individuals who want career advancement but do not need a BS degree.

B. Mission

The Environmental Horticulture Management undergraduate certificate program supports the missions of the college and university to serve the nation's and state's critical needs by contributing to a well-qualified and broadly diverse citizenry, leadership and workforce by disseminating new knowledge and providing lifelong learning opportunities.

C. Student Learning Outcomes (SLOs)

1. Identify the impacts of light, temperature, humidity and the growing environment on plants and sustainable management practices in the greenhouse and/or landscape.
2. Identify ways to reduce inputs (water, fertilizer, chemicals etc.) while maintaining high quality ornamentals in the greenhouse and/or landscape.
3. Identify and evaluate sustainable elements in greenhouse production plans and/or landscape plans.
4. Analyze and modify fertilization and irrigation practices in the greenhouse and/or landscape to improve sustainability.

D. Assessment Timeline for Certificates

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SLOs	Pre-completion Exam
#1	X
#2	X
#3	X
#4	X

E. Assessment Cycle Chart for Certificates

Environmental Horticulture Management

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Analysis and Interpretation:

May – June annually

Improvement Actions:

Completed by August 1 of each year

Dissemination:

Completed by September 1 of each year

SLOs	Year	13-14	14-15	15-16	16-17
#1		X	X	X	X
#2		X	X	X	X
#3		X	X	X	X
#4		X	X	X	X

F. Methods and Procedures

The Student Learning Outcomes will be assessed through a mandatory pre-completion exam that covers all subject matter described above. This exam will be scored for SLO purposes only (see scores below), and will not affect the student's academic standing.

85-100% outstanding

75- 84% above average

70-74% satisfactory

65-69% marginal

Below 65 % unsatisfactory

G. Assessment Oversight

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