Basic Program Information

Department Name: Environmental Horticulture & Design

Division Name: Biology & Health Sciences

Program Mission(s):

The Environmental Horticulture program is focused on students who are pursuing employment or developing an interest in the field of Environmental Horticulture (the "Green Industry"). While enrolled in the Environmental Horticulture & Design program, students learn to combine principles of sensible environmental design, construction, and maintenance practices for application to urban, rural and natural landscapes. Students also learn about the range of business services and manufacturing industries that support the Green Industry. To accomplish this goal, students are expected to adequately demonstrate a skill set necessary for success in the industry.

Please list all Program Review team members who participated in this Program Review:

Name	Department	Position
David Sauter	Environmental Hort. And Design	Program Director
Dan Svenson	Environmental Hort. And Design	Faculty

Please include the following information about your program:

Total number of Full Time Faculty:	2
Total number of Part Time Faculty:	6
Total number of Classified Professionals:	1

Please list all existing Classified positions:
Facilities Coordinator (85-90% Horticulture / 10-15%% Veterinary Science)

List all Programs* covered by this review & check the appropriate column for program type:

Program Name	Certificate of Achievement Program	Associate Degree Program	Pathway Program
Environmental Horticulture & Design		Yes, A.S.	
Environmental Horticulture & Design	Yes, C.A.		

*If you have a supporting program or pathway in your area for which you will be making resource requests, please analyze it within this program review (i.e. Integrated Reading and Writing, Math My Way, etc.) You will only need to address those data elements that apply.

Section 1: Data and Trend Analysis

Please complete the appropriate data elements.

A) Instructional Program Data:

Data will be posted on http://foothill.edu/staff/irs/programplans/programreviewdata.php
You must manually copy data in the boxes below for every degree or certificate of achievement covered by this program review.

Certificate and Degree Programs	2011-2012	2012-2013	2013-2014	% Change
Environmental Hort. & Design A.S.	7	13	9	-31%
Environmental Hort. & Design C.A.	12	9	14	55%

	2011-2012	2012-2013	2013-2014	% Change
Enrollment	1294	1059	1352	27.7%
Productivity (College Goal 2014-15: 535)	513	451	562	24.7%

B) Student Services Programs Data

Please enter the number of students served over the last 3 years.

	2011-2012	2012-2013	2013-2014	% Change
Students Served	Not applicable			

This data was obtained via the following sources (circle): CCC Apply, Ask Foothill, Credentials, SARS, Other (List)_____

C) Administrative Unit Data

Dimension	2011-2012	2012-2013	2013-2014
Students Served (Unduplicated)			
Faculty Served			
Staff Served			
Full-time FTEF			
Part-time FTEF			
Full-time Staff			
Part-time Staff			

Using the data entered for your program above, briefly comment (1-3 paragraphs) on changes in students or staff served, enrollment and/or productivity for your program in the last year.

What changes have been made or are planned as a result of your analysis of the data? (for example, new curriculum, new pre-requisites, a focus on student retention, changes in teaching approaches informed by SLO Assessments, changes in when classes are scheduled, better use of technology, etc.)

The past year has seen a jump in both enrollment (up 27.7%), Certificates of Achievement granted to students (up 55%) and productivity (up 24.7%). The only statistical decline was in the number of Associate Degrees granted (down 31%) for the past year. The increase in enrollment can be partially attributed to the economy allowing more students to take courses while, at the same time, employers demanding more employees enroll in courses to better address the new workload they have gained due to the economic improvement. We have also seen an increase in the number of students who are seeking knowledge regarding to sustainably landscaping their properties.

The decrease in AS degrees couples with the increase in CA's, in that the numbers of students obtaining these degrees are almost reversed from previous years. This is primarily a function of the background and prior education of the students in the system, with more students earning their first degree compared to previous years when a majority of students already had degrees and did not have another degree as their primary goal. Because the majority of our students already possess Baccalaureate degrees or beyond, the efforts of the Horticulture staff have typically been focused on course completion rather than accomplishment of degrees and certificates. With a slowly changing demographic profile that includes younger Hispanic males from workforce sources and students entering as their first college experience, the effort has been increased to see that they are counseled to a path that terminates in an academic award.

Section 2: Student Equity

The college is committed to student equity, defined by the Student Equity Workgroup as fostering similar outcomes for all students. One targeted area for improvement in this year's Student Equity plan is to increase the course completion rates for African American, Latino, and Pacific Islander students over the next three years by 3 percentage points.

Please describe how you see members of your program contributing to this goal.

Members of the Horticulture staff have been making a strong effort to identify students at risk of all groups and provide the additional instructional support necessary for classroom success. Students can be matched with mentors if appropriate. Study groups have been formed to help our ESL students learn latin names of plants. Students are given alternative methods for testing if appropriate (designs or plant walks). This has been a key to our at least maintaining a high success rate in our program and with continued support from willing students and the school should lead to reaching the goal set by the college.

Please review the equity data available to you on the students served in your program and their outcomes by ethnicity (including, for instructional programs, course success rates by ethnicity). If differences exist, what efforts have members of your program undertaken or discussed to address them? If your program has undertaken any initiatives or interventions as a result of these efforts or discussions, please share what you have learned as a result of these initiatives.

The success rates for targeted ethnicities in Environnmental Horticulture is 90% which far exceeds the success rate for this population at Foothill College (69%). Course success of individual ethnic groups was a mixed review for the past year. All of the ethnic groups either stayed the same (2 groups, White and Latino/a) or increased with the exception of African American, which declined from 75% to 60%. Some of this is due to the very small sample of African American students measured in the data.

For non-targeted groups, all except the White increased in course success, with some (Filipino and Asian) groups showing a significant improvement.

Specific initiatives taken to improve this success rate involve course level mentoring with students who are performing well in the class, including tutoring and study groups designed to provide additional approaches to learning class material. Instructors have also provided additional instruction to all students who are non-performing. As of this report, the success of these interventions has been adequate to maintain an even or upward trend in groups that have increasing enrollment in the face of challenges. For non-targeted groups the interventions have led to increased success.

Section 3: Outcomes Assessment Summary

A) Attach 2013-2014 Course-Level (for Instructional Programs Only) – Four Column Report for CL-SLO Assessment from TracDat, please contact the Office of Instruction to assist you with this step if needed. Report attached.
See attached

B) Attach 2013-2014 Program Level – (for all programs) Four Column Report for PL-SLO Assessment from TracDat, please contact the Office of Instruction to assist you with this step if needed. Report attached.
See below

Section 4: Assessment and Reflection

Based on your assessment data and reflections, please respond to the following prompts.

A) For instructional programs only, what curricular, pedagogical or other changes have you made as a result of your course level student learning outcomes (CL-SLO) assessments?

During the past year there have been few major changes and several subtle changes made in the program based on SLO assessments. Curricular changes have included the expansion of one course (Sketchup for Landscape Designers) from a one unit course to a three unit course and the elimination of lecture/lab classification from all courses. Other changes include the improvement of routes used to identify plant material, the expansion of projects used to teach construction and design and the addition of tissue and micronutrient testing to the soils labs. The SLO's for all courses were deemed adequate for continued use.

<u>For instructional programs only</u>, how has assessment of program-level student learning outcomes led to certificate/degree program improvements? Have you made any changes to your program based on the findings?

Assessment of the SLO's have been underway for the past 3 years, with review of each outcome for every course taught during the academic year. The results, as shown in the assessments, has shown that our students are accomplishing goals at a very high rate. During the past year the target was met in all but two SLO's, and those were due to excessive drops in one section of a course and poor structure of a new course. Students achieved 90% or better success rates in all other course SLO's.

This overall success suggests that the instruction in the program is sound and the program is functioning at a high level. This also suggests that changes due to the assessment of SLO's should not be drastic and wholesale changes should be carefully considered. Small changes have been initiated to address the issues that led to any goals not being met, including initiating the change in credits for the course that was short of instructional time.

Using the findings as a guide, other changes have been initiated related to the resource requests and findings from the assessments. These changes include minor curriculum changes, establishing a replacement program for equipment, replenishing supplies and better integration of the lab assistant into the instructional process. Still unsatisfied are the overall program goals of improving the AV equipment in classrooms and installing plant material on campus to improve the resources available for plant identification courses.

For all programs: Instructional, Students Services, Administrative

B) **How do the objectives and outcomes in your area relate to the program-level student learning outcomes and to the college mission?**

Mission Statement: Foothill College offers educational excellence to diverse students seeking transfer, career preparation and enhancement, and basic skills mastery. We are committed to innovation, ongoing improvement, accessibility and serving our community.

The objectives and outcomes of Horticulture are a direct distillation of the many course SLO's. The foundation of the program level outcomes, "design residential landscapes" and "identify plant material" is created by the many specific objectives related to learning about plant material and the basics of landscape design. The objectives related further to the college mission by preparing students for careers in the landscape field. With the articulation of many of the individual courses the program also enhances the transferability of Horticulture students who wish to continue their academic program.

C. What do members of your program do to ensure that meaningful dialogue takes place in both shaping and evaluating/assessing your program's student learning outcomes?

With a small program, informal communication is the prime method of discussing the progress of students and the status of program/course SLO's. Occasional meetings have been held when significant issues or numbers of issues are required attention, but regular meeting are not typically arranged. The majority of the work on shaping and evaluating/assessing the SLO's is left to the individual instructor teaching the course. In the situation of Horticulture, because there is not multiple instructors teaching a course that role has be adequate.

Section 5: Program Goals

Please comment on progress you have made on program goals from prior program reviews.
Check the appropriate status box & provide explanation in the comment box.

Goal/Outcome (This is NOT a resource request)	Related to prior resource request (Y/N)	Status: Completed, In progress or Revised	Comment on Status
1. Purchase or have materials and equipment donated for use in landscape construction, landscape lighting, and other courses needing specialized instruction.	No	In Progress	This is a continual process for our program as we solicit support from the industry to enhance learning opportunities.
2. Expand and improve the Horticulture facilities, especially in the areas of plant material instruction. Provide for ongoing facility and equipment maintenance.	No	Partially complete	Little progress has been made on expanding plant material options. A new plaza was installed with plant material added, but no other projects were initiated. Facility and equipment maintenance has been kept up to date.
3. Provide slide sets, as needed, for certain classes needing specialized visual aids for instruction.	No	Revised	No specific requests are currently pending regarding slides or visual aids.
4. Instructor Currency	Yes	In progress	One instructor had a PDL request postponed. Another instructor has submitted a request for PDL.
5. Greater integration of "Landscape	No	Completed	Sustainability as a concept in the horticulture field has been

Sustainability" into our curriculum.			integrated into all appropriate classes through additional instructional material or instructional units.
5. Develop enhanced retention strategies and methodologies for working with at-risk students.	No	In progress	
6. Maintain software updates in our CAD Lab.	Yes	Completed	CADD software was updated and expanded into additional software areas.

Please list any new goals for your program you would like to undertake this year. The goals should be linked to the college mission and be driven by data (including student and program learning outcomes reflections).

Goal/Outcome (This is NOT a resource request)	**How will this goal improve student success or respond to other key college initiatives?**	**How will progress toward this goal be measured?**
1. Develop facilities as learning laboratories for classes.	Expand support for learning activities	By number of facilities developed
2. Update curriculum and course credits to accurately reflect content.	Provides better scheduling of course time and matches course content to classification	By number of courses updated
3. Add additional short courses to curriculum.	Provides more options for students to study areas of interest	By number of courses added
4. Improve the plant production series of courses (nursery, greenhouse, prop)	Creates a "core" of classes related to a topic that has previously been sporatic, and provides continual management of growing	By the successful offering of greenhouse, propagation and nursery classes during the year

to improve care of plants and provide seasonal growth opportunities.	facilities	

Section 6: Program Resources and Support

To be completed only if making a new resource request.

Using the tables below, summarize your program's unfunded resource requests. Refer to the Operations Planning Committee website: http://foothill.edu/president/operations.php for current guiding principles, rubrics and resource allocation information.

Full Time Faculty and/or Staff Positions

Position	Related Goal from Table in section 5 and how this resource request supports this goal.	Was position previously approved in last 3 years? (y/n)
No faculty or staff requests at this time.		

Unbudgeted Reassigned Time (calculate by % reassign time x salary/benefits of FT)
Indicate duties covered by requested reassign time:

Responsibility	Related Goal from Table in section 5 and how this resource request supports this goal.		% Time
No Reassign time requested			

One Time B Budget Augmentation

Description	$ Amount	Related Goal from Table in

		section 5 and how this resource request supports this goal.
No B budget augmentation requested at this time.		

Ongoing B Budget Augmentation

Description	**$ Amount**	**Related Goal from Table in section 5 and how this resource request supports this goal.**
No ongoing B budget augmentation requested at this time.		

Facilities and Equipment

Facilities/Equipment Description	**$ Amount**	**Related Goal from Table in section 5 and how this resource request supports this goal.**
No facility/equipment requests at this time.		

Section 7: Program Review Summary

Address the concerns or recommendations that were made in prior program review cycles, including any feedback from Dean/VP, Program Review Committee, etc.

Recommendation	**Comments**
1. Increase enrollment	A jump of over 25% enrollment occurred during this past school year, in part due to the efforts put into recruitment and retention.

a. After reviewing the data, what would you like to highlight about your program?

The previous review year was a highly productive one for Horticulture in terms of enrollment and continued student success of all student populations (including targeted ethnicities). An increase of 28% in enrollment with an increase in productivity of 25% were particularly noteworthy.

In addition to increasing student enrollment and being a successful teaching year, many activities were undertaken to improve student visibility and community outreach. While no major changes were made in curriculum, an almost full range of courses in the existing curriculum were offered.

Many of the highlights from the past year relate to data not necessarily contained in program, course or other academic review data. Students also participated in trade shows, community events and public service activities serving communities and trade shows. The CLCA/Hort club was extremely active in support of program educational activities, sponsoring 6 seminars and field trips for all Hort students. Perhaps the highlight of the year was the construction and presentation of a show garden for the San Francisco Flower and Garden Show, and continuing the tradition of being a decorated program by winning the People's Choice Award and the Garden Designers Award.

Section 8: Deans Feedback and Follow Up

This section is for the Dean to provide feedback.

A) Strengths and successes of the program as evidenced by the data and analysis:

Environmental Horticulture continues to be a popular program at Foothill College. Enrollment increased dramatically compared to last year with a continued high success rates for targeted ethnicities. Productivity continues to exceed the college goals. The student population is a nice mix of traditional and non-traditional students. Several long term benefactors of Foothill College have been initially drawn into the school thru Horticulture.

B) Recommendations for improvement:

Program should prioritize efforts to recruit African American and other minority students. Planning and design of outdoor study areas (in combination with Biology faculty) should be a priority.

C) Recommended next steps:

_X__ Proceed as planned on program review schedule
___ Comprehensive Program Review (Out of cycle) Recommended
___ Remediation Plan Recommended

Upon completion of section 8, the Program Review should be returned to department faculty and staff for review, and then submitted to the Office of Instruction and Institutional Research for public posting. See timeline on Program Review Cover Sheet.

Unit Assessment Report - Four Column

Foothill College

Program (BHS-HORT) - Environmental Horticulture and Design AS/CA

PL-SLOs	Means of Assessment & Target / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Program (BHS-HORT) - Environmental Horticulture and Design AS/CA - 1 - Students will demonstrate skills necessary to design residential landscapes. **SLO Status:** Active	**Assessment Method:** For students planning to practice landscape design as a career, as well as for those entering other Green Industry sectors, we have devised a class project which gauges the student's ability to create a landscape design. In our HORT 60B Landscape Design: Theory class, students work on a typical landscape design project with a variety of programmatic requirements. **Assessment Method Type:** Class/Lab Project **Target:** A successful student would be able to demonstrate the knowledge and skill sets of landscape design principles and practices. Each student will prepare a rendered landscape plan which meets the programmatic requirements of the project.	10/01/2014 - 95% of the students who participated in the design project achieved a passing grade. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Updated audio/video equipment in the classroom. **GE/IL-SLO Reflection:** Students were able to communicate graphically their ideas and used problem solving techniques to address complex design problems.	10/01/2014 - Activities related to this SLO will continue across the curriculum. Upgrade of facilities will be sought through available funds.
Program (BHS-HORT) - Environmental Horticulture and Design AS/CA - 2 - Students will be able to identify plant material commonly used in landscape projects by Green Industry professionals. **SLO Status:** Active	**Assessment Method:** Through field tests, students will be able to correctly identify a variety of trees and shrubs. For this assessment, we will utilize both our fall and spring plant identification courses (HORT 21 & HORT 22: Plant Material I & II). **Assessment Method Type:** Exam - Course Test/Quiz **Target:** On their final plant identification exam, students will demonstrate an accurate level of plant knowledge for at least 80% of plant features reviewed.	10/01/2014 - Over 95% of the students were able to correctly identify the trees and shrubs presented in the selected courses. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Arboretum development on campus. **GE/IL-SLO Reflection:** Students were able to use problem solving skills to address plant useage and identification.	10/01/2014 - Program will continue to add plants used in the course to campus planting locations. Methods of instruction and assessment will continue to be used.

Unit Course Assessment Report - Four Column

Foothill College

Department - Environmental Horticulture & Design (HORT)

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Environmental Horticulture & Design (HORT) - HORT 10 - ENVIRONMENTAL HORTICULTURE & THE URBAN LANDSCAPE - SLO 2 - Global/Community Conciousness - demonstrate knowledge of the impact of urban activities on environmental systems (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** student will answer objective questions on an exam related to environmental systems in an urban area **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of the students will score an average of 75% or higher on the exam.	03/26/2014 - 89% of the students scored 75% or higher on the exam. This is a slight decrease from the previous years but still indicates performance at a very high level. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO remains adequate for this class.	03/26/2014 - Instruction will continue to evolve to address current topics. New field trips are being considered and lab activities refined.
Department - Environmental Horticulture & Design (HORT) - HORT 10 - ENVIRONMENTAL HORTICULTURE & THE URBAN LANDSCAPE - SLO 1 - Scientific Process - student will describe scientific method (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will perform lab exercises employing the scientific method. **Assessment Method Type:** Case Study/Analysis **Target for Success:** 80% of students will complete lab activites with an average score of 75% or higher.	03/26/2014 - 93% of the students scored 75% or higher on the lab activities for the class. This indicates that the students understand and are using the scientific process. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO remains adequate for this course.	03/26/2014 - Lab activities will be refined for the next session of this class to better facilitate scoring of individuals apart from group activities.
Department - Environmental Horticulture & Design (HORT) - HORT 15 - ORIENTATION TO ENVIRONMENTAL HORTICULTURE - SLO 1 - Responsibilities - demonstrate knowledge of career opportunities in the green industry through written examinations. (Created By Department - Environmental Horticulture & Design (HORT))	**Assessment Method:** Students will be assessed based on a multiple choice question which explores their understanding of career opportunities in the green industry. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will correctly answer the	01/22/2014 - 100% of students correctly answered the questions on the final exam relating to career opportunities in the green industry. Everyone demonstrated a greatly expanded understanding of environmental horticulture **Result:** Target Met **Year This Assessment Occurred:**	01/23/2014 - None needed at this time. Our hope is to expand our instructional facilities through the installation of landscape areas.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Course-Level SLO Status: Active	question(s) concerning career opportunities in the green industry.	2013-2014	05/15/2012 - Given the student success rate, no changes to the course structure are planned at this time.
Department - Environmental Horticulture & Design (HORT) - HORT 15 - ORIENTATION TO ENVIRONMENTAL HORTICULTURE - SLO 2 - Application of knowledge - Demonstrate knowledge of the environmental horticulture sciences, including plant terminology, on written examinations. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will be assessed using multiple choice questions which includes images of plants, features of which must be identified. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** Students taking the final exam will be able to correctly identify 80% of plant terms, plant features, and/or horticultural terminology.		
Department - Environmental Horticulture & Design (HORT) - HORT 21 - PLANT MATERIALS I - SLO 1 - Knowledge - Identify trees presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field tree identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of students will obtain a score of 75% or higher on identification exams.		
Department - Environmental Horticulture & Design (HORT) - HORT 21 - PLANT MATERIALS I - SLO 2 - Application of knowledge - Compare and contrast tree features and cultural need. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete objective exam requiring selection of trees for design situations based on required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of students will obtain a score of 75% or higher of the exam.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Environmental Horticulture & Design (HORT) - HORT 22 - PLANT MATERIALS II - SLO 1 - Knowledge - Identify shrubs presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field shrubs identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a score of 80% or higher.	07/07/2014 - Over 92% of the students scored 80% or higher on the identification exams. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** The SLO is adequate for this course.	07/07/2014 - No changes are required for this objective. More testing will be added in future classes.
Department - Environmental Horticulture & Design (HORT) - HORT 22 - PLANT MATERIALS II - SLO 2 - Application of knowledge - Compare and contrast shrub features and cultural need. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete objective exam requiring selection of shrubs for design situations based on required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a minimum score of 80% on the exam.	07/07/2014 - Over 92% of the students scored 80% or higher on objective exams. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO remains adequate for this course.	07/07/2014 - No changes is assessment are planned for this class.
Department - Environmental Horticulture & Design (HORT) - HORT 23 - PLANT MATERIALS: CALIFORNIA NATIVE PLANTS - SLO 1 - Knowledge - Identify California Native Plants presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field ground California native plants identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a minimum score of 80% or higher on the exam.		
Department - Environmental Horticulture & Design (HORT) - HORT 23 - PLANT MATERIALS: CALIFORNIA NATIVE PLANTS - SLO 2 - Application of knowledge - Compare and contrast California Native	**Assessment Method:** Students will complete objective exam requiring selection of ground covers and vines for design situations based on		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Plants features and cultural need. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a score of 80% or higher on 4 of the 5 graded assignments.		
Department - Environmental Horticulture & Design (HORT) - HORT 24 - PLANT MATERIALS: GROUND COVERS & VINES - SLO 1 - Knowledge - Identify ground covers and vines presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field ground cover and vines identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students in the class will pass. Average passing score will be 75%.		
Department - Environmental Horticulture & Design (HORT) - HORT 24 - PLANT MATERIALS: GROUND COVERS & VINES - SLO 2 - Application of knowledge - Compare and contrast ground covers and vines features and cultural need. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete objective exam requiring selection of ground covers and vines for design situations based on required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of students should achieve a passing score. The average score should be above 75%.		
Department - Environmental Horticulture & Design (HORT) - HORT 25 - PLANT MATERIALS: BAMBOOS & PALMS - SLO 1 - Knowledge - Identify bamboos and palms presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field bamboo and palm identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will score 80% correct on exam.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Environmental Horticulture & Design (HORT) - HORT 25 - PLANT MATERIALS: BAMBOOS & PALMS - SLO 2 - Application of knowledge - Compare and contrast bamboos and palms features and cultural need. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete objective exam requiring selection of bamboos and palms for design situations based on required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will complete 4 of 5 class assignments with a score of 80% or higher.		
Department - Environmental Horticulture & Design (HORT) - HORT 26 - PLANT MATERIALS: PERENNIALS & ANNUALS - SLO 1 - Knowledge - Identify perennials and annuals presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field perennial and annual identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will pass with a score of 80% or higher.	07/07/2014 - 100% of the students scored 80% or higher in the field id exam. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This GE needs to be modified to reflect new grading scheme.	07/07/2014 - Rewrite SLO.
Department - Environmental Horticulture & Design (HORT) - HORT 26 - PLANT MATERIALS: PERENNIALS & ANNUALS - SLO 2 - Application of knowledge - Compare and contrast perennials and annuals features and cultural need. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete objective exam requiring selection of perennials and annuals for design situations based on required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will complete 4 of the 5 course projects with a score of 80% or higher.	07/07/2014 - 90% of the students completed 4 of 5 course projects with a score of 80% or higher. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO is adequate for the course.	07/07/2014 - No changes are anticipated for this grading method.
Department - Environmental Horticulture &			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Design (HORT) - HORT 26 - PLANT MATERIALS: PERENNIALS & ANNUALS - Application of knowledge - Students will be able to prepare a design or plant walk using annuals and perennials. (Created By Department - Environmental Horticulture & Design (HORT)) **Start Date:** 07/07/2014 **Course-Level SLO Status:** Active			
Department - Environmental Horticulture & Design (HORT) - HORT 30 - HORTICULTURAL PRACTICES: SOILS - SLO 1 - Application of Knowledge - Evaluate a soil by chemical and physical means. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will perform labs assessing soil chemical and physical properties. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 100% of the students will achieve a minimum score of 75% on the soil report.	03/26/2014 - 100% of the students obtained a minimum score of 75% or higher on their soil report. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Soil test kit supplies. Lab assistant for hands-on labs. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	03/26/2014 - No major changes are anticipated for this SLO. Testing of tissue was introduced this year and may be expanded for next years labs.
Department - Environmental Horticulture & Design (HORT) - HORT 30 - HORTICULTURAL PRACTICES: SOILS - SLO 2 - Knowledge - Demonstrate a knowledge of terms and principles of soil chemistry, physics, and commercial management. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete an objective exam evaluating knowledge of soil management techniques. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a score of 80% on soils exam.	03/26/2014 - 92% of the students achieved a score of 80% or higher on the soils exam. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Soil test kit supplies. Lab assistant for hands-on labs. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	03/26/2014 - No major changes are planned for this SLO.
Department - Environmental Horticulture & Design (HORT) - HORT 31 - HORTICULTURAL PRACTICES: PLANT	**Assessment Method:** Student will complete a written objective exam regarding the aspects of commercial	04/08/2014 - 97% of the students completing the exam obtained a score of 75% or higher	

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
PROPAGATION - SLO 1 - Application of Knowledge - Demonstrate an understanding of the propagation methods used in commercial plant production. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	plant propagation. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will obtain a minimum score of 75% on the exam.	**Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** The SLO is still adequate for this course.	04/08/2014 - Students will continue to be tested on propagation knowledge using an objective exam.
Department - Environmental Horticulture & Design (HORT) - HORT 31 - HORTICULTURAL PRACTICES: PLANT PROPAGATION - SLO 2 - Knowledge - Identify basic anatomy of various different types of seeds. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will identify and describe the anatomy of seeds in lab activities. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will be able to perform necessary operations with seeds in class.	04/08/2014 - Over 90% of the students were successful in propagating plants from seed, including identification of seed and seed anatomy and actions required to grow seed in lab setting. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	04/08/2014 - The current process of propagating using various methods will be continued in future classes.
Department - Environmental Horticulture & Design (HORT) - HORT 40 - LANDSCAPE DESIGN: GRAPHIC COMMUNICATION - SLO 1 - Application of Knowledge - demonstrate knowledge of the fundamentals of landscape design communication and landscape design process on class projects. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Completion of final landscape design project which demonstrates core graphic design capabilities. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will successfully complete a final project demonstrating competency in graphic skills.	01/22/2014 - 90% of students were able to successfully complete the final project. Two students failed to complete their projects and two students received incompletes due to illness. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **GE/IL-SLO Reflection:** Sketchbooks became optional this year and projects were reformulated to provide more in-class instruction.	01/23/2014 - None at this time. The use of more in-class lab time focused on projects as well as the elimination of sketchbooks as a requirement helped students to stay more focused on their final projects. 12/19/2012 - Given the student success rate, no changes to the course structure are planned at this time.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
			12/19/2012 - No changes required at this time.
Department - Environmental Horticulture & Design (HORT) - HORT 40 - LANDSCAPE DESIGN: GRAPHIC COMMUNICATION - SLO 2 - Application of knowledge - develop visual communication "thinking" skills through the completion of a sketchbook. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Completion of a sketchbook. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will complete a sketchbook containing a minimum of ten sketching assignments.		
Department - Environmental Horticulture & Design (HORT) - HORT 45 - LANDSCAPE DESIGN: COMPUTER APPLICATIONS - SLO 1 - Knowledge - demonstrate knowledge of landscape design software command skills through development of an appropriate landscape design project. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student shall complete a final landscape design project illustrated competencies in computer aided design. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students shall successfully complete this project.		
Department - Environmental Horticulture & Design (HORT) - HORT 45 - LANDSCAPE DESIGN: COMPUTER APPLICATIONS - SLO 2 - Application of knowledge - utilize the terminology appurtenant to computer aided design software. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** In lab, student will be able to converse with other students and instructor using appropriate CAD terminology. **Assessment Method Type:** Discussion/Participation **Target for Success:** 100% of students should be able to utilize computer terminology.		
Department - Environmental Horticulture & Design (HORT) - HORT 52C -			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
HORTICULTURE PRACTICES: PLANT INSTALLATION & MAINTENANCE - SLO 1 - Application of Knowledge - Demonstrate skills required for proper pruning of various species of trees and shrubs. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete a performance evaluation of their pruning skills. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a minimum score of 85% on their skill evaluation.	07/07/2014 - 91.3% of the students achieved a score of 85% or higher on their skills evaluation. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **Resource Request:** Continued support of lab assistant. **GE/IL-SLO Reflection:** This SLO is adequate for the class. **GE/IL-SLO Reflection:** This SLO is adequate for the class.	07/07/2014 - No major changes are planned for the course or the assessment methods.
Department - Environmental Horticulture & Design (HORT) - HORT 52C - HORTICULTURE PRACTICES: PLANT INSTALLATION & MAINTENANCE - SLO 2 - Application of knowledge - Plant trees and shrubs. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete a performance evaluation of their planting skills. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will score a minimimum of 85% on their skills evaluation.	07/07/2014 - 100% of the students scored 85% or higher on their skills evaluation for planting. **Result:** Target Not Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Continued support of lab assistant. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	07/07/2014 - No changes are planned for this course.
Department - Environmental Horticulture & Design (HORT) - HORT 52E - HORTICULTURAL PRACTICES: GREENHOUSE & NURSERY MANAGEMENT - SLO 1 - Application of Knowledge - Demonstrate skill required to maintain greenhouse and nursery facilities (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will perform graded lab activities in greenhouse and nursery facility management. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of the students will produce a living crop by the end of the class.		
Department - Environmental Horticulture &			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Design (HORT) - HORT 52E - HORTICULTURAL PRACTICES: GREENHOUSE & NURSERY MANAGEMENT - SLO 2 - Knowledge - Identify major types of growing structures and their respective roles in commercial plant production. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete an objective exam or report in the identification and classification of growing structures. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of class can identify structures and recommend appropriate use.		
Department - Environmental Horticulture & Design (HORT) - HORT 52F - HORTICULTURAL PRACTICES: INTERIORSCAPING - SLO 1 - Application of Knowledge - Select suitable plants for interior environments. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will take an objective multiple choice exam selecting plants suitable for interior cultural situations. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a score of 85% on the exam.		
Department - Environmental Horticulture & Design (HORT) - HORT 52F - HORTICULTURAL PRACTICES: INTERIORSCAPING - SLO 2 - Application of knowledge - Exhibit an understanding of design principles influencing interiorscaping. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will prepare a design of an interior space using appropriate plant material. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a minimum score of 85% on their design.		
Department - Environmental Horticulture & Design (HORT) - HORT 52G - HORTICULTURAL PRACTICES: TURFGRASS MANAGEMENT - SLO 1 - Knowledge - Identify common turf grasses. (Created By Department - Environmental Horticulture & Design (HORT))	**Assessment Method:** Student will complete field turf grass identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will achieve a score of 85% or higher on the exam.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Course-Level SLO Status: Active			
Department - Environmental Horticulture & Design (HORT) - HORT 52G - HORTICULTURAL PRACTICES: TURFGRASS MANAGEMENT - SLO 2 - Application of knowledge - Demonstrate methods of installing a lawn by sodding or seeding. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete a performance evaluation lab demonstrating ability to install sod and seeding a lawn. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of the students will achieve a score of 60% or higher in lab activity.		
Department - Environmental Horticulture & Design (HORT) - HORT 52H - HORTICULTURE PRACTICES: INTEGRATED PEST MANAGEMENT - SLO 1 - Knowledge - Identify various plant diseases, insects, and weeds. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete and identification quiz of common plant diseases, insects, and weeds. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will score a minimim of 85% on a field identification exam.		
Department - Environmental Horticulture & Design (HORT) - HORT 52H - HORTICULTURE PRACTICES: INTEGRATED PEST MANAGEMENT - SLO 2 - Application of knowledge - Demonstrate skills in developing integrated pest management plans. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will write an integrated pest management plan for a horticultural facility. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will score a minimum of 85% on the plan.		
Department - Environmental Horticulture & Design (HORT) - HORT 52J - HORTICULTURAL PRACTICES: NURSERY MANAGEMENT - SLO 1 - Application of	**Assessment Method:** Student will perform graded lab activities in nursery facility management.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Knowledge - Demonstrate skill required to maintain nursery facilities. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Academic Year **Start Date:** 09/22/2014 **End Date:** 06/26/2015 **Course-Level SLO Status:** Active	**Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of the students will demonstrate the ability to work in and manage a nursery facility.		
Department - Environmental Horticulture & Design (HORT) - HORT 52J - HORTICULTURAL PRACTICES: NURSERY MANAGEMENT - SLO 2 - Knowledge - Demonstrate knowledge of nursery lath house, hoop house, and propagation area operations. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Academic Year **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete an objective exam or report on the design, construction, and / or management of nursery facilities such as a lath house, hoop house, or propagation area. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of the class will be able to correctly identify nursery facility structures and / or their use.		
Department - Environmental Horticulture & Design (HORT) - HORT 54A - LANDSCAPE CONSTRUCTION: GENERAL PRACTICES - SLO 1 - Knowledge - correctly identify tools used in landscape construction. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students are given a mid-term exam in week 6 which asks students to define and/or identify a variety of tools used in landscape construction. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of students will pass the portion of the exam related to tools.		
Department - Environmental Horticulture & Design (HORT) - HORT 54A - LANDSCAPE CONSTRUCTION: GENERAL PRACTICES - SLO 2 - Application of knowledge -	**Assessment Method:** 90% of students will be able to physically demonstrate the steps in building a wood	01/22/2014 - 100% of the students were able to successfully complete the construction of a wood deck. 100% of the students were also able to	01/23/2014 - None at this time.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
demonstrate, on manipulative examinations, the implementation of basic landscape construction projects using a variety of building materials and hardware. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	deck during a field lab. **Assessment Method Type:** Class/Lab Project **Target for Success:** All students participating in this lab section will successfully complete the building of a wood deck.	demonstrate basic skills in the pouring and working of newly installed concrete. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Lab supplies are needed for this class (equipment, tools, and supplies such as concrete). **GE/IL-SLO Reflection:** All students were able to meet this target.	12/19/2012 - Need more tools and supplies for use in this course. Deck materials, hardware, screw guns, etc. are needed to conduct this part of the course. 05/15/2012 - Given the student success rate, no changes to the course structure are planned at this time.
Department - Environmental Horticulture & Design (HORT) - HORT 54B - LANDSCAPE CONSTRUCTION: TECHNICAL PRACTICES - SLO 1 - Application of Knowledge - demonstrate, on manipulative examinations, the correct use of surveying tools used in landscape construction projects. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will be evaluated in the field in their successful use and understanding of landscape survey equipment. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of the students will demonstrate proficiency in the use of survey tools.	04/16/2014 - 100% of the students in the class were able to demonstrate proficiency in the use of landscape survey tools and equipment **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Some equipment upgrades are needed to our survey equipment.	04/16/2014 - No change is currently needed to the method of instruction. The primary action plan is to keep equipment up-to-date with industry standards. We also need to replace some equipment.
Department - Environmental Horticulture & Design (HORT) - HORT 54B - LANDSCAPE CONSTRUCTION: TECHNICAL PRACTICES - SLO 2 - Application of knowledge - demonstrate, on written examinations, knowledge of estimating techniques used in landscape construction. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Multiple choice question on estimating techniques that demonstrates mastery of core concepts in landscape estimating. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of students will pass sections of the test relating to estimating concepts.		
Department - Environmental Horticulture &			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Design (HORT) - HORT 54C - LANDSCAPE CONSTRUCTION: IRRIGATION PRACTICES - SLO 1 - Knowledge - identify the parts of an irrigation system (pipes and fittings, sprinkler heads, valves, backflow preventers, drip systems, and controllers). (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** On a multiple choice exam, student will be able to correctly identify 80% of common irrigation components. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of students will meet the benchmark requirement for the identification of irrigation components.		
Department - Environmental Horticulture & Design (HORT) - HORT 54C - LANDSCAPE CONSTRUCTION: IRRIGATION PRACTICES - SLO 2 - Application of knowledge - program an irrigation time clock (controller) correctly. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** In a controller programming lab, student will demonstrate mastery of irrigation controller programming. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students will demonstrate competency in the programming of an irrigation controller.	04/16/2014 - Every student in the class was able to demonstrate competency in the programming of a typical irrigation controller. Some students completed this as a "make-up" lab but 100% of the class completed this learning module. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** None	04/16/2014 - None at this time.
Department - Environmental Horticulture & Design (HORT) - HORT 54D - LANDSCAPE CONSTRUCTION: APPLIED PRACTICES - SLO 1 - Application of Knowledge - Construct specialized and advanced landscape projects. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will demonstrate skills by participating in construction of landscape projects in lab. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students participating in the labs will demonstrate proficiency in the construction of landscape projects.	07/07/2014 - 83% of the students demonstrated proficiency in lab construction. **Result:** Target Not Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Continued support of lab assistant. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	07/07/2014 - Failure to meet target was due to 4 non-performing students in a class of 24. Without these 4 the target would have been met. More effort will be made to prevent non-performers from maintaining enrollment in the class.
Department - Environmental Horticulture & Design (HORT) - HORT 54D - LANDSCAPE CONSTRUCTION: APPLIED PRACTICES - SLO 2 - Application of knowledge - Operate motorized landscape equipment. (Created	**Assessment Method:** Student will demonstrate skills in a practical activity laboratory. **Assessment Method Type:**	07/07/2014 - 91.7% of the students were able to gain proficiency in the use of landscape equipment. **Result:**	07/07/2014 - No significant changes will be made to this course or assessment.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	Class/Lab Project **Target for Success:** 90% of students participating in the labs will demonstrate proficiency in the use of motorized landscape equipment.	Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Continued support of lab assistant. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	
Department - Environmental Horticulture & Design (HORT) - HORT 55A - GREEN INDUSTRY MANAGEMENT: BUSINESS PRACTICES - SLO 1 - Responsibilities - Discuss common management problems and potential solutions. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Through classroom participation and open discussions, students will demonstrate an understanding of the basic business practices utilized in the green industry. **Assessment Method Type:** Discussion/Participation **Target for Success:** 80% of the students will participate in classroom activities which demonstrate an understanding of the basic business practices utilized in the green industry and obtain an average score of 74% (C level) in those exercises.	03/28/2014 - 87% of the students obtained a result of 75% or higher in classroom activities and discussions. The results are a good representation of a high level of skills for the class. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	03/28/2014 - Exercises and activities will be continually updated to reflect the changing business conditions within the green industry, particularly with the renewed emphasis on low water landscaping.
Department - Environmental Horticulture & Design (HORT) - HORT 55A - GREEN INDUSTRY MANAGEMENT: BUSINESS PRACTICES - SLO 2 - Application of knowledge - Prepare a written business or stategic management plan. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Successful completion of a business or strategic management plan. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will successfully complete at a 74% (C grade) level a business plan or business related research project.	03/28/2014 - 80% of the students achieved a grade of 75% or higher on the business plan exercise. This is the minimum to meet the target. Several students had difficulty preparing an extensive and accurate business plan due to the inability to predict what career they are headed into. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO is adequate for the current state of the exercise, but may need to be revised as	03/28/2014 - The current standard exercise of requiring a business plan needs refinement since many of the students are not prepared to enter into the business world as self -employed and some are seeking work as an employee rather than a business owner.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
		exercises are changed.	
Department - Environmental Horticulture & Design (HORT) - HORT 55B - GREEN INDUSTRY MANAGEMENT: EMPLOYEE PRACTICES - SLO 1 - Responsibilities - List activities involved in recruiting and managing employees. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active			
Department - Environmental Horticulture & Design (HORT) - HORT 55B - GREEN INDUSTRY MANAGEMENT: EMPLOYEE PRACTICES - SLO 2 - Job tasks - Demonstrate knowledge of human resource management techniques. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active			
Department - Environmental Horticulture & Design (HORT) - HORT 60B - LANDSCAPE DESIGN: THEORY - SLO 1 - Application of Knowledge - exhibit an understanding of the elements and principles of landscape design theory through class projects. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will demonstrate mastery of design principles through completion of a final project. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students will successfully complete a final project exhibiting a clear understanding of landscape design theory.	04/16/2014 - All but one of my students successfully completed the final project and demonstrated a clear understanding of the design process. A majority moved on to take the next course (HORT 60F: Landscape Design: Process). One student, who broke her right hand (her drafting hand), needed to take an Incomplete in the course and will finish by next year. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** None	04/16/2014 - While everyone demonstrated competencies on this project, I plan to continue to refine and improve the final project so that it represents the best possible learning experience for my students.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Environmental Horticulture & Design (HORT) - HORT 60B - LANDSCAPE DESIGN: THEORY - SLO 2 - Application of knowledge - demonstrate knowledge of intermediate graphic communication skills as they relate to landscape design problems through a series of projects. (Created By Department - Environmental Horticulture & Design (HORT))	**Assessment Method:** Student will demonstrate intermediate graphic communication skills on a project involving color rendering. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students will complete a project related to the use of color.		
Department - Environmental Horticulture & Design (HORT) - HORT 60C - LANDSCAPE DESIGN: IRRIGATION - SLO 1 - Application of Knowledge - Develop an irrigation plan for a residential or small commercial irrigation system. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete an irrigation design for a residential or small commercial site which demonstrates competency in all facets of irrigation design **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students will successfully complete the final irrigation design project.	08/21/2014 - 95% of the students were able to successfully complete a residential irrigation design project. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014	08/21/2014 - Continue to refine the design project to ensure student success. Next year the project will likely be revised to reflect current trends in the irrigation industry.
Department - Environmental Horticulture & Design (HORT) - HORT 60C - LANDSCAPE DESIGN: IRRIGATION - SLO 2 - Application of knowledge - interpret irrigation drawings, details, and specifications. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Multiple choice exam question which specifically tests knowledge of one aspect of irrigation plan reading. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of students will pass the section of the exam relating to irrigation plan reading.		
Department - Environmental Horticulture & Design (HORT) - HORT 60D - LANDSCAPE DESIGN: PLANTING - SLO 1 - Application of Knowledge - Demonstrate, through assigned projects, knowledge of planting design as it relates to the aesthetic, cultural, ecological, and functional use of plants in the	**Assessment Method:** Student shall complete a series of short projects which illustrate knowledge of aesthetic, cultural, ecological, and functional uses of plants in the landscape. **Assessment Method Type:** Class/Lab Project		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
landscape. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Target for Success:** 80% of students shall successfully complete the short projects.		
Department - Environmental Horticulture & Design (HORT) - HORT 60D - LANDSCAPE DESIGN: PLANTING - SLO 2 - Application of knowledge - demonstrate proficiency in creating planting plans for residential landscape projects. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student shall complete a final project which illustrates their knowledge of planting design principles. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students shall successfully complete the final planting design project.		
Department - Environmental Horticulture & Design (HORT) - HORT 60F - LANDSCAPE DESIGN: PROCESS - SLO 1 - Application of Knowledge - exhibit an understanding of the principles of landscape design process through one or more residential design projects. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student shall complete a final residential landscape design project which demonstrates competency in landscape design process. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students shall successfully complete the final residential landscape design project.	08/21/2014 - 93% of the students were able to successfully complete a residential landscape design project for a real client. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014	08/21/2014 - The residential design project is a good model for this class. Every time the class is offered, there is a new project with new clients. This works quite well for both the students and the client.
Department - Environmental Horticulture & Design (HORT) - HORT 60F - LANDSCAPE DESIGN: PROCESS - SLO 2 - Application of knowledge - prepare a project timeline and budget. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student shall prepare a project timeline for the successful completion of a residential landscape design project. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students completing the course will demonstrate competency in preparing a project timeline and budget.		
Department - Environmental Horticulture &			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Design (HORT) - HORT 60G - LANDSCAPE DESIGN: INTERMEDIATE COMPUTER APPLICATIONS - SLO 1 - Knowledge - Export drawings to printers and external files. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will create pdf of files and send them to external device. **Assessment Method Type:** Class/Lab Project **Target for Success:** 100% of students will be able to successfully complete pdf export.		
Department - Environmental Horticulture & Design (HORT) - HORT 60G - LANDSCAPE DESIGN: INTERMEDIATE COMPUTER APPLICATIONS - SLO 2 - Application of knowledge - Produce three-dimensional renderings of designs. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will produce a three-dimensional drawing of a site. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students will be able to complete a 3d drawing.		
Department - Environmental Horticulture & Design (HORT) - HORT 60K - THE TIMELESS GARDEN - SLO 1 - Knowledge - Identify and compare categories of historic gardens. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Academic Year **Course-Level SLO Status:** Active	**Assessment Method:** Complete a project or report focusing on one or more categories of historical gardens. Projects should demonstrate an understanding of garden architecture, cultural contexts, and landscape design themes. **Assessment Method Type:** Class/Lab Project **Target for Success:** 85% of students will successfully complete a project or report.		
Department - Environmental Horticulture & Design (HORT) - HORT 60K - THE TIMELESS GARDEN - SLO 2 - Knowledge - Demonstrate knowledge of plant usage in historical contexts. (Created By Department - Environmental Horticulture & Design (HORT))	**Assessment Method:** Identify different types of plant usage through time and in different garden contexts. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:**		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Assessment Cycles: End of Academic Year **Course-Level SLO Status:** Active	On an exam, 80% of students will be able to correctly identify different types of plant usage through time and in different garden contexts.		
Department - Environmental Horticulture & Design (HORT) - HORT 80 - ENVIRONMENTAL HORTICULTURE SKILLS - SLO 1 - Job responsibilities - Develop horticultural work skills under the guidance of a horticultural unit supervisor for an average of two hours per week. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student shall meet the minimum required hours for on-site instruction in environmental horticulture skills. **Assessment Method Type:** Discussion/Participation **Target for Success:** 80% of students shall complete required on-site instruction.		
Department - Environmental Horticulture & Design (HORT) - HORT 80 - ENVIRONMENTAL HORTICULTURE SKILLS - SLO 2 - Job tasks - Explore industry associations and industry contacts for employment opportunities. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student shall demonstrate involvement in industry associations and/or industry contacts through student membership or through seminars held by the horticulture program or an outside industry group. **Assessment Method Type:** Discussion/Participation **Target for Success:** Through completion of the course contract, 80% of students completing the class will demonstrate involvement in professional associations, horticultural seminars, or green industry related activities.		
Department - Environmental Horticulture & Design (HORT) - HORT 80A - ENVIRONMENTAL HORTICULTURE FALL SKILLS - SLO 1 - Job Responsibilities - Develop Fall horticultural work skills under the guidance of a horticultural unit supervisor for an average of four hours per week. (Created By Department - Environmental	**Assessment Method:** Student shall participate in on-site instruction for Fall environmental horticulture skills. **Assessment Method Type:** Discussion/Participation **Target for Success:** 80% of students shall complete required on-	01/29/2014 - 90% of the students completed at least the minimum on-site hours. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request.	01/29/2014 - Continue development of Hort facilities.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Horticulture & Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:** 06/27/2014 **Course-Level SLO Status:** Active	site instruction as demonstrated in Practical Skills Labs and Events.	**GE/IL-SLO Reflection:** This SLO is adequate for this course.	
Department - Environmental Horticulture & Design (HORT) - HORT 80A - ENVIRONMENTAL HORTICULTURE FALL SKILLS - SLO 2 – Job Tasks - During the Fall season, explore industry association and industry contacts for employment opportunities. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:** 06/27/2014 **Course-Level SLO Status:** Active	**Assessment Method:** Student shall demonstrate Fall season involvement in industry associations and/or industry contacts through student membership or through seminars held by the horticulture program or an outside industry group. **Assessment Method Type:** Discussion/Participation **Target for Success:** Through completion of the course contract, 80% of students completing the class will demonstrate involvement in professional associations, horticultural seminars, or green industry related activities.	01/29/2014 - 90% of the students engaged in an activity related to a seminar, association event or green industry activity. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	01/29/2014 - Continue development of Hort facilities.
Department - Environmental Horticulture & Design (HORT) - HORT 80B - ENVIRONMENTAL HORTICULTURE WINTER SKILLS - SLO 1 - Job Responsibilities - Develop Winter horticultural work skills under the guidance of a horticultural unit supervisor for an average of four hours per week. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:**	**Assessment Method:** Student shall participate in on-site instruction for Winter environmental horticulture skills. **Assessment Method Type:** Discussion/Participation **Target for Success:** 80% of students shall complete required on-site instruction as demonstrated in Practical Skills Labs and Events.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
06/27/2014 **Course-Level SLO Status:** Active			
Department - Environmental Horticulture & Design (HORT) - HORT 80B - ENVIRONMENTAL HORTICULTURE WINTER SKILLS - SLO 2 – Job Tasks - During the Winter season, explore industry association and industry contacts for employment opportunities. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:** 06/27/2014 **Course-Level SLO Status:** Active	**Assessment Method:** Student shall demonstrate Winter season involvement in industry associations and/or industry contacts through student membership or through seminars held by the horticulture program or an outside industry group. **Assessment Method Type:** Discussion/Participation **Target for Success:** Through completion of the course contract, 80% of students completing the class will demonstrate involvement in professional associations, horticultural seminars, or green industry related activities.		
Department - Environmental Horticulture & Design (HORT) - HORT 80C - ENVIRONMENTAL HORTICULTURE SPRING SKILLS - SLO 1 - Job Responsibilities - Develop Spring horticultural work skills under the guidance of a horticultural unit supervisor for an average of four hours per week. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:** 06/27/2014 **Course-Level SLO Status:** Active	**Assessment Method:** Student shall participate in on-site instruction for Spring environmental horticulture skills. **Assessment Method Type:** Discussion/Participation **Target for Success:** 80% of students shall complete required on-site instruction as demonstrated in Practical Skills Labs and Events.		
Department - Environmental Horticulture & Design (HORT) - HORT 80C -	**Assessment Method:** Student shall demonstrate Spring season		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
ENVIRONMENTAL HORTICULTURE SPRING SKILLS - SLO 2 – Job Tasks - During the Spring season, explore industry association and industry contacts for employment opportunities. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:** 06/27/2014 **Course-Level SLO Status:** Active	involvement in industry associations and/or industry contacts through student membership or through seminars held by the horticulture program or an outside industry group. **Assessment Method Type:** Discussion/Participation **Target for Success:** Through completion of the course contract, 80% of students completing the class will demonstrate involvement in professional associations, horticultural seminars, or green industry related activities.		
Department - Environmental Horticulture & Design (HORT) - HORT 80D - ENVIRONMENTAL HORTICULTURE SUMMER SKILLS - SLO 1 - Job Responsibilities - Develop Summer horticultural work skills under the guidance of a horticultural unit supervisor for an average of four hours per week. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:** 06/27/2014 **Course-Level SLO Status:** Active	**Assessment Method:** Student shall participate in on-site instruction for Summer environmental horticulture skills. **Assessment Method Type:** Discussion/Participation **Target for Success:** 80% of students shall complete required on-site instruction as demonstrated in Practical Skills Labs and Events.		
Department - Environmental Horticulture & Design (HORT) - HORT 80D - ENVIRONMENTAL HORTICULTURE SUMMER SKILLS - SLO 2 – Job Tasks - During the Summer season, explore industry association and industry contacts for employment opportunities. (Created By Department - Environmental Horticulture &	**Assessment Method:** Student shall demonstrate Summer season involvement in industry associations and/or industry contacts through student membership or through seminars held by the horticulture program or an outside industry group. **Assessment Method Type:**		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Design (HORT)) **Assessment Cycles:** End of Quarter **Start Date:** 09/23/2013 **End Date:** 06/27/2014 **Course-Level SLO Status:** Active	Discussion/Participation **Target for Success:** Through completion of the course contract, 80% of students completing the class will demonstrate involvement in professional associations, horticultural seminars, or green industry related activities.		
Department - Environmental Horticulture & Design (HORT) - HORT 90A - CONTAINER PLANTINGS IN THE LANDSCAPE - SLO 1 - Knowledge - Identify plantings appropriate for container plantings. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete field container plant identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of students will successfully be able to identify container plants used in class.		
Department - Environmental Horticulture & Design (HORT) - HORT 90A - CONTAINER PLANTINGS IN THE LANDSCAPE - SLO 2 - Knowledge - Compare and contrast container plant features and cultural needs. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will create container planting using selected plants. **Assessment Method Type:** Class/Lab Project **Target for Success:** 90% of students completing the class shall have created a variety of container plantings.		
Department - Environmental Horticulture & Design (HORT) - HORT 90C - GARDEN PONDS & WATER FEATURES - SLO 1 - Knowledge - Student will be able to install a water feature in the landscape. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Through practical skills labs, students were either successful in physically installing a garden water feature or were able to demonstrate to the instructor that they had an understanding of the installation of the water feature. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will be able to demonstrate an understanding of the key concepts used		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
	in creating garden water features.		
Department - Environmental Horticulture & Design (HORT) - HORT 90C - GARDEN PONDS & WATER FEATURES - SLO 2 - Application of Knowledge - As part of a lab, students will be able to demonstrate knowledge of the main components required to design a garden water feature. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** 80% of students will be able to correctly identify the key components utilized in the construction of garden water features. **Assessment Method Type:** Class/Lab Project		
Department - Environmental Horticulture & Design (HORT) - HORT 90D - HERBS: IDENTIFICATION, USE & FOLKLORE - Knowledge - Identify common herbs used for culinary, medicinal, spiritual and decorative purposes. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field herbs identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students taking the class shall be able to correctly pass the plant identification class with a grade of 80% or better.		
Department - Environmental Horticulture & Design (HORT) - HORT 90D - HERBS: IDENTIFICATION, USE & FOLKLORE - Appreciation of other cultures - Describe the history of herbs used for cultural activities. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active			
Department - Environmental Horticulture & Design (HORT) - HORT 90E - HORTICULTURAL & LANDSCAPE PHOTOGRAPHY - SLO 1 - Knowledge - Exhibit a basic understanding of photographic equipment use. (Created By	**Assessment Method:** Student shall be reviewed by instructor for basic proficiency in the use of photographic equipment and deemed to have basic competencies. **Assessment Method Type:**		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Environmental Horticulture & Design (HORT)) **Start Date:** 09/23/2013 **End Date:** 12/13/2013 **Course-Level SLO Status:** Active	Class/Lab Project **Target for Success:** 80% of students will demonstrate basic proficiencies in camera use to the instructor.		
Department - Environmental Horticulture & Design (HORT) - HORT 90E - HORTICULTURAL & LANDSCAPE PHOTOGRAPHY - SLO 2 - Application of knowledge - Photography of landscapes, construction projects, plant identification, and landscape designs for portfolio presentation. (Created By Department - Environmental Horticulture & Design (HORT)) **Start Date:** 09/23/2013 **End Date:** 12/13/2013 **Course-Level SLO Status:** Active	**Assessment Method:** Completion of one or more student photo projects involving landscape settings or landscape installations. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will complete the student photo projects.		
Department - Environmental Horticulture & Design (HORT) - HORT 90F - LANDSCAPE DESIGN: BASIC PRINCIPLES - SLO 1 - Application of Knowledge - Demonstrate landscape design skills. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will prepare a landscape design. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will complete a design charette or landscape design project.		
Department - Environmental Horticulture & Design (HORT) - HORT 90F - LANDSCAPE DESIGN: BASIC PRINCIPLES - SLO 2 - Knowledge - Exhibit understanding of design theory and process. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:**	**Assessment Method:** Student will demonstrate design theory and process in lab exercises. **Assessment Method Type:** Class/Lab Project **Target for Success:** Through in-class labs, 80% of students will complete design exercises with an average		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Active	of 74% success or higher.		
Department - Environmental Horticulture & Design (HORT) - HORT 90G - LANDSCAPE DESIGN FORUM - SLO 1 - Knowledge - demonstrate the ability to evaluate residential landscape designs. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Based on a matrix of landscape design criteria, student shall be able to demonstrate an understanding of the methods by which landscapes can be judged. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will exhibit a basic understanding of what takes to create successful landscapes.	08/21/2014 - 96% of the students demonstrated the capability to evaluate landscape projects. Only 1 student was not able to participate in this activity. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014	08/21/2014 - None at this time
Department - Environmental Horticulture & Design (HORT) - HORT 90G - LANDSCAPE DESIGN FORUM - SLO 2 - Knowledge - exhibit an understanding of advanced topics in landscape design. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Through attendance at classes involving advanced topics in landscape design, student will exhibit an understanding of current topics and practicum based knowledge. **Assessment Method Type:** Discussion/Participation **Target for Success:** 80% of students will successfully complete the course.		
Department - Environmental Horticulture & Design (HORT) - HORT 90H - LANDSCAPE LIGHTING - SLO 1 - Knowledge - demonstrate practical knowledge of lighting and electrical equipment. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Using a multiple choice test, students will demonstrate a basic knowledge of low voltage lighting. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 70% of students will receive passing grades on the exam.		
Department - Environmental Horticulture & Design (HORT) - HORT 90H - LANDSCAPE	**Assessment Method:** Demonstrate the selection of appropriate	04/16/2014 - 94% of the students completing the class successfully demonstrated a working	

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
LIGHTING - SLO 2 - Application of knowledge - compare and contrast different lighting systems. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	lighting systems in a lab setting **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students completing the class will successfully demonstrate a working knowledge of landscape lighting systems.	knowledge of landscape lighting systems. Two students missed 2 or more of the classes and did not drop or withdraw from the course. These students received failing grades. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Funding to create a landscape lighting lab station and lighting lab kit.	04/16/2014 - We absolutely need to create a lighting resource lab station / kit and hope to put something in place by the next time the class is offered.
Department - Environmental Horticulture & Design (HORT) - HORT 90I - LANDSCAPE SUSTAINABILITY PRACTICES - SLO 1 - Application of Knowledge - Demonstrate skills in developing and maintaining landscapes according to sustainable principles. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will build and maintain landscapes using sustainable practices in labs. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will demonstrate competency in the development and maintenance of sustainable landscapes.		
Department - Environmental Horticulture & Design (HORT) - HORT 90I - LANDSCAPE SUSTAINABILITY PRACTICES - SLO 2 - Application of knowledge - Define approaches to solving landscape and gardening problems by applying ecological principles. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will prepare a report on solving a landscape or gardening problem using ecologically sound principles. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will complete a report on solving landscape or gardening problems using ecologically sound principles.		
Department - Environmental Horticulture & Design (HORT) - HORT 90K - LANDSCAPING WITH EDIBLES - SLO 1 - Knowledge - Identify edible ornamental plants for the landscape. (Created By	**Assessment Method:** Students will complete field edible ornamental identification exam. **Assessment Method Type:** Exam - Course Test/Quiz		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Target for Success:** 80% of students will pass a field exam on the identification of ornamental edible plants.		
Department - Environmental Horticulture & Design (HORT) - HORT 90K - LANDSCAPING WITH EDIBLES - SLO 2 - Application of knowledge - Demonstrate the use of edible plants in built landscapes. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will design a landscape using edible ornamentals. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will complete a landscape design using ornamental edible plants.		
Department - Environmental Horticulture & Design (HORT) - HORT 90L - PLANT PROPAGATION: BASIC SKILLS - SLO 1 - Knowledge - Exhibit understanding of the basic techniques used in plant propagation. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will complete a skills lab demonstrating propagation techniques. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will demonstrate knowledge of propagation techniques.		
Department - Environmental Horticulture & Design (HORT) - HORT 90L - PLANT PROPAGATION: BASIC SKILLS - SLO 2 - Application of knowledge - Demonstrate ability to utilize various propagation techniques in nursery and greenhouse environments. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will select appropriate propagation technique for various environments in a lab setting. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will be able to properly demonstrate appropriate propagation techniques.		
Department - Environmental Horticulture & Design (HORT) - HORT 90M - PLANT NUTRITION & FERTILIZATION - SLO 1 - Knowledge - Identify nutrient deficiency in plants. (Created By Department -	**Assessment Method:** Student will complete an objective exam identifying plant nutrient deficiencies. **Assessment Method Type:** Exam - Course Test/Quiz	03/26/2014 - 100% of the students who remained in the class were able to identify plant nutrient deficiencies. **Result:** Target Met	03/26/2014 - No major changes are planned for this course. More hard examples and activities related to illustrating nutrient deficiencies will be explored.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Target for Success:** 80% of students will pass the part of the exam which identifies plant nutrient deficiencies.	**Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	
Department - Environmental Horticulture & Design (HORT) - HORT 90M - PLANT NUTRITION & FERTILIZATION - SLO 2 - Application of knowledge - Select fertilizer for appropriate use. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will select correct fertilizer for application in a lab setting. **Assessment Method Type:** Class/Lab Project **Target for Success:** In lab evaluations, students will correctly select a fertilizer application 80% of the time.	03/26/2014 - Over 80% of the students were able to correctly select an appropriate fertilizer for given situations. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** No request. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	03/26/2014 - No major changes planned in the assessment of this SLO.
Department - Environmental Horticulture & Design (HORT) - HORT 90N - PLANT MATERIALS: FALL COLOR - SLO 1 - Knowledge - identify trees by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will be able to correctly identify plants exhibiting outstanding fall color. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of students will correctly identify plants exhibiting fall color.		
Department - Environmental Horticulture & Design (HORT) - HORT 90N - PLANT MATERIALS: FALL COLOR - SLO 2 - Application of knowledge - select plants for landscape use based on aesthetic conditions. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:**	**Assessment Method:** Student will complete an objective exam requiring selection of trees based on esthetic conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of students will correctly select fall color trees for use in landscape designs.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Active			
Department - Environmental Horticulture & Design (HORT) - HORT 90P - PRUNING: BASIC SKILLS - SLO 1 - Knowledge - List basic terms associated with pruning. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will identify terms on an objective exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** Students will be able to correctly identify 80% of the pruning terms presented in the class.		
Department - Environmental Horticulture & Design (HORT) - HORT 90P - PRUNING: BASIC SKILLS - SLO 2 - Application of knowledge - Describe wide variety of methods utilized in pruning plants. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will select and implement pruning methods in a practical laboratory. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of the students will correctly select and implement pruning methods in a field lab.		
Department - Environmental Horticulture & Design (HORT) - HORT 90Q - RESIDENTIAL IRRIGATION SYSTEMS - SLO 1 - Knowledge - demonstrate a basic understanding of irrigation equipment & materials. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student shall create a basic plan illustrating core competencies in irrigation design. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of the students will be able to prepare a basic irrigation plan illustrating core competency in irrigation design.		
Department - Environmental Horticulture & Design (HORT) - HORT 90Q - RESIDENTIAL IRRIGATION SYSTEMS - SLO 2 - Application of knowledge - demonstrate the ability to install a residential irrigation system. (Created By Department - Environmental Horticulture & Design (HORT))	**Assessment Method:** In a field lab, student shall correctly install at least one component of a typical residential irrigation system. **Assessment Method Type:** Class/Lab Project **Target for Success:**		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Course-Level SLO Status: Active	80% of students will be able to correctly install at least one component of a typical residential irrigation system.		
Department - Environmental Horticulture & Design (HORT) - HORT 90R - SEASONAL FLORAL DESIGN - SLO 1 - Knowledge - master the making of seasonal arrangements such as seasonal centerpieces, fresh and dried wreath making, and evergreen swags. (Created By Department - Environmental Horticulture & Design (HORT)) **Start Date:** 05/08/2012 **End Date:** 05/29/2012 **Course-Level SLO Status:** Active	**Assessment Method:** Successful completion of one seasonal floral design per instructor specifications. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will successfully complete a seasonal floral design.		
Department - Environmental Horticulture & Design (HORT) - HORT 90R - SEASONAL FLORAL DESIGN - SLO 2 - Application of knowledge - create seasonal and holiday decorations. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Successful completion of a "holiday" floral or vegetative arrangement per instructor specifications. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will complete a "holiday" floral or vegetative arrangement per instructor specifications.		
Department - Environmental Horticulture & Design (HORT) - HORT 90S - SUSTAINABLE INTEGRATED PEST MANAGEMENT (IMP) - SLO 1 - Knowledge - Understand the risks of pesticides. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will identify pesticide risks through a written report. **Assessment Method Type:** Essay/Journal **Target for Success:** 80% of students will identify pesticide risks through a written report.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Environmental Horticulture & Design (HORT) - HORT 90S - SUSTAINABLE INTEGRATED PEST MANAGEMENT (IMP) - SLO 2 - Application of knowledge - Integrate pest management controls. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will write an integrated pest management plan. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will write an integrated pest management plan.		
Department - Environmental Horticulture & Design (HORT) - HORT 90U - LANDSCAPE DESIGN: PERSPECTIVE SKETCHING - SLO 1 - Application of Knowledge - Select appropriate perspective technique. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Select the correct persepective technique to sketch a variety of different views of a site. **Assessment Method Type:** Case Study/Analysis **Target for Success:** Students should be able to select the appropriate method 90% of the time.		
Department - Environmental Horticulture & Design (HORT) - HORT 90U - LANDSCAPE DESIGN: PERSPECTIVE SKETCHING - SLO 2 - Application of knowledge - Render landscape elements in perspective. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Prepare one and two point perspectives from given drawings. **Assessment Method Type:** Class/Lab Project **Target for Success:** Students should be able to complete drawings with less than 5 errors in 75% of the drawings.		
Department - Environmental Horticulture & Design (HORT) - HORT 90V - SUSTAINABLE ORGANIC GARDENING - SLO 1 - Knowledge - Define principles of organic gardening. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:**	**Assessment Method:** Student will complete a design project that requires use of current organic gardening principles. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will successfully complete		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Active	an design project that requires use of current organic gardening principles.		
Department - Environmental Horticulture & Design (HORT) - HORT 90V - SUSTAINABLE ORGANIC GARDENING - SLO 2 - Application of knowledge - Analyze gardens to improve sustainability. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will prepare a written and graphic evaluation of a garden that identifies areas in which sustainability can be improved. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will successfully prepare a written and graphic evaluation of a garden that identifies areas in which sustainability can be improved.		
Department - Environmental Horticulture & Design (HORT) - HORT 90X - XERISCAPING: CREATING WATER-CONSERVING LANDSCAPES - SLO 1 - Knowledge - Describe characteristics associated with drought tolerant plants. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will create a list of drought tolerant plant characteristics. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will create a list of drought tolerant plant characteristics.		
Department - Environmental Horticulture & Design (HORT) - HORT 90X - XERISCAPING: CREATING WATER-CONSERVING LANDSCAPES - SLO 2 - Application of knowledge - Discuss methods of auditing water use in gardens. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Student will perform a water audit for a garden. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of students will successfully perform a water audit for a garden.		
Department - Environmental Horticulture & Design (HORT) - HORT 90Y - CACTI & SUCCULENTS - SLO 1 - Knowledge -	**Assessment Method:** Students will complete field cacti and succulents identification exam.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Identify cacti and succulents presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will pass with a score of 80% or higher.		
Department - Environmental Horticulture & Design (HORT) - HORT 90Y - CACTI & SUCCULENTS - SLO 2 - Application of Knowledge - Compare and contrast cacti and succulent features and cultural need. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete objective exam requiring selection of cacti and succulents for design situations based on required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will complete exams with a score of 80% or higher.		
Department - Environmental Horticulture & Design (HORT) - HORT 90Z - ORNAMENTAL GRASSES - SLO 1 - Knowledge - Identify ornamental grasses presented by botanical and common names. (Created By Department - Environmental Horticulture & Design (HORT)) **Course-Level SLO Status:** Active	**Assessment Method:** Students will complete field ornamental grasses by identification exam. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 90% of the students will pass with a score of 80% or higher.	01/22/2014 - 92% of the students were able to identify ornamental grasses in the field. A couple of people received non-passing grades, primarily because they stopped attending after the drop/withdraw date. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Expansion of grasses garden. **GE/IL-SLO Reflection:** Students understood the various methods of identifying differing grasses.	01/23/2014 - Communicate with students who stop showing up after the drop date to determine if there is a way to retain them in the class. 10/16/2012 - A better slide set should increase competency in this area.
Department - Environmental Horticulture & Design (HORT) - HORT 90Z - ORNAMENTAL GRASSES - SLO 2 - Application of Knowledge - Compare and contrast ornamental grass features and cultural need. (Created By Department - Environmental Horticulture & Design	**Assessment Method:** Students will complete an objective exam requiring selection of ornamental grasses for design situations based on required features and cultural conditions. **Assessment Method Type:** Exam - Course Test/Quiz		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
(HORT)) **Course-Level SLO Status:** Active	**Target for Success:** 90% of the students will achieve a score of 80% or higher on the exam.		
Department - Environmental Horticulture & Design (HORT) - HORT 91A - COMPOSTING THEORY & TECHNIQUES - Identify composting methods - Student will be able to identify different methods of composting (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Academic Year **Start Date:** 12/07/2012 **End Date:** 01/31/2013 **Course-Level SLO Status:** Active	**Assessment Method:** Student will be asked to identify in writing the various composting methods. **Assessment Method Type:** Exam - Course Test/Quiz **Target for Success:** 80% of the students will be able to write down the names of at least 5 composting methods.	10/23/2013 - All of the students completing the class were able to correctly identify and discuss 5 methods for composting. There were three people who never showed up for the class and did not drop the class who received failing grades. I did not feel that these students should be considered part of the measure of success for this class since they did not participate. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Continued expansion of the composting facility at the college. This may include the need for equipment such as chipper/shredders.	01/23/2014 - None at this time. 10/23/2013 - Beyond continuing to develop the composting educational display area, no other actions are necessary at this time. The course content was appropriate for the length and scope of the course.
Department - Environmental Horticulture & Design (HORT) - HORT 91A - COMPOSTING THEORY & TECHNIQUES - Build compost pile - Student will be able to construct a hot compost pile. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Academic Year **Start Date:** 12/07/2012 **End Date:** 01/31/2013 **Course-Level SLO Status:** Active	**Assessment Method:** Student will properly construct a layered hot compost pile. **Assessment Method Type:** Class/Lab Project **Target for Success:** 80% of the students will be able to properly construct a complete layered hot compost pile.		
Department - Environmental Horticulture & Design (HORT) - HORT 91B - SKETCHUP	**Assessment Method:** Student will use a supplied basemap to	07/07/2014 - 96% of the students were able to create a drawing using the program.	

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
FOR LANDSCAPE DESIGNERS - Prepare landscape drawings. - Student will be able to prepare three dimensional landscape drawings using the sketchup program. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Academic Year **Start Date:** 12/07/2012 **End Date:** 01/31/2013 **Course-Level SLO Status:** Active	prepare a three dimensional drawing showing landscape features. **Assessment Method Type:** Presentation/Performance **Target for Success:** 80% of the students will be able to successfully create the drawing.	**Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Expansion of the class to 3 units and current software and dedicated lab. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	07/07/2014 - This version of the course worked much better that the previous course due to proper lab and software. Expansion to 3 unit course is in the works.
		03/26/2014 - 80% of the students were able to successfully create drawings from supplied instructions. Time required to complete the exercise and deliver supporting lecture was inadequate. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** More lecture and lab time, change course from 1 unit to 3 units. Lab with current software and support. **GE/IL-SLO Reflection:** The SLO is adequate currently, but will be refined to provide more direct measurement after the next offering of this class.	03/26/2014 - The class was a disaster, being placed in a foreign room, lacking the software, and no support from IT. The class only ran for 4 sessions and it took 2 of those to get the software running properly. A revision of the course has been submitted through the C3MS to upgrade the time of the class.
Department - Environmental Horticulture & Design (HORT) - HORT 91B - SKETCHUP FOR LANDSCAPE DESIGNERS - Render sketchup drawings. - Student will be able to render a prepared drawing using the textures, colors and attributes available in the sketchup program. (Created By Department - Environmental Horticulture & Design (HORT)) **Assessment Cycles:** End of Academic Year **Start Date:**	**Assessment Method:** Student will render a supplied drawing using a minimum of 5 different attributes available in the sketchup program. **Assessment Method Type:** Presentation/Performance **Target for Success:** 80% of the students will be able to properly render the drawing using the minimum number of attributes.	07/07/2014 - 100% of the students were able to properly render the drawing. **Result:** Target Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Expansion of the class to 3 units. **GE/IL-SLO Reflection:** This SLO is adequate for this course.	07/07/2014 - Change to a 3 unit course is in the works.
		03/26/2014 - This target was not met. Many students had the time to render drawings using a	

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
12/07/2012 **End Date:** 01/31/2013 **Course-Level SLO Status:** Active		portion of the tools available but inadequate time was left to assist those having difficulty. I can only estimate but I would expect that 50% of the students met this criteria. This was compounded by software and classroom technology issues. **Result:** Target Not Met **Year This Assessment Occurred:** 2013-2014 **Resource Request:** Expansion of the class to 3 units and current software and dedicated lab. **GE/IL-SLO Reflection:** The SLO is adequate.	03/26/2014 - A request has been sent through the C3MS system to expand the time and units for the class. 1 unit has proved woefully inadequate to present the information, let alone help the large number of students enrolled.