



ALAMO  
COLLEGES

PALO ALTO COLLEGE

**Program Student Learning Assessment Plan/Report**  
**Academic Year 2010-11**

**Program/Award: Turf and Landscape Irrigation Certificate**

**Program Lead Faculty: Kirk Williams**

**Department Chair:**

Outcome #1	Apply the basic principles of plant function and development emphasizing Horticultural applications.
Measures	Plant Structure and Function Lab Practical
Targets	70% of assessed students satisfactorily apply the basic principles on the lab practical in HALT 1301
Findings	<u>Spring 2011</u> Course not taught in evaluation period <u>Fall 2010</u> (Evening Lab Only) – 11 of 13 student s satisfactorily completed the plant structure and function lab practical = 85% success rate.
Assessment of Previous Cycle's Action Plan	Develop scoring guide to better measure outcome <b>(found to be irrelevant)</b>
New Action Plans	Use LMS to administer a pre-test.
Outcome #2	Perform industry standard horticultural maintenance practices such as fertilizing, pruning, mulch application, mowing and irrigation of South Central Texas landscapes and turf areas.
Measures	HALT 2318 – Fertilizer Calculations Lab Final HALT 2301 – Informal Observations of Student Performance
Targets	70% of assessed students satisfactorily apply the basic principles in selected exercises
Findings	Spring 2011 HALT 2318 – Spring 2011 - 14 of 22 students successfully completed final exam calculations for a successful completion rate of 64% HALT 2301 – All Students successfully completed these maintenance tasks under instructor observation. HALT 2318 – Fall 2009 – 6 of 7 students satisfactorily completed the fertilizer calculations lab final HALT 2301 – None can be assessed
Assessment of Previous Cycle's Action Plan	HALT 2318 – Develop scoring guide to better measure outcome (found to be irrelevant) HALT 2301 - Develop competency scoring guide for pruning and mulching operations (in process)
New Action Plans	HALT 2318 – refer students to the Math Tutoring lab for additional help HALT 2301 - Develop competency scoring guide for pruning and mulching
Outcome #3	
Measures	



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Targets	
Findings	
Assessment of Previous Cycle's Action Plan	
New Action Plans	
Outcome #4	
Measures	
Targets	
Findings	
Assessment of Previous Cycle's Action Plan	
New Action Plans	
Outcome #5	
Measures	
Targets	
Findings	
Assessment of Previous Cycle's Action Plan	
New Action Plans	