



ALAMO
COLLEGES

PALO ALTO COLLEGE

Program Student Learning Assessment Plan/Report

Academic Year 2010-11

Program/Award: Turf Grass and Golf Course Management 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.
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 (found to be irrelevant)
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	<u>Spring 2011</u> 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	Use and maintain equipment common to turf management.
Measures	Equipment Maintenance Schedule Lab Exercise



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Targets	70% of assessed students satisfactorily develop a maintenance plan.
Findings	Spring 2011 – Course not taught in the evaluation period. Spring 2008 – 4 of 4 students successfully completed a maintenance plan = 100% Success Rate.
Assessment of Previous Cycle's Action Plan	Develop a scoring guide for the lab exercise (in process)
New Action Plans	Develop a scoring guide for the lab exercise
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	