



Career and Technical Education Degrees and Certificates

#1	Turf Grass and Golf Course Management: Management Level I AAS Certificate Student Learning Outcome
	Courses in the degree plan that address this outcome HALT 1401/AGRI 1415
	Assessment Measure for this Outcome Plant Structure and Function Lab Practical
	Achievement Target for this Measure 70% of assessed students satisfactorily apply the basic principles on the lab practical.
	Findings Fall 2010 (Evening Lab Only) – 11 of 13 student s satisfactorily completed the plant structure and function lab practical = 85% success rate.
	Related Action Plans Develop scoring guide to better measure outcome.
#2	Turf Grass and Golf Course Management: Management Level I AAS Certificate Student Learning Outcome Perform industry standard horticultural maintenance practices such as fertilizing, pruning, mulch application, mowing and irrigation of South Central Texas landscapes and turf areas.
	Courses in the degree plan that address this outcome HALT 2318, HALT 2301, HALT 1324, HALT 1333, HALT 1401/AGRI 1415
	Assessment Measure for this Outcome HALT 2318 – Fertilizer Calculations Lab Final HALT 2301 – Informal Observations of Student Performance
	Achievement Target for this Measure 70% of assessed students satisfactorily apply the basic principles in selected exercises
	Findings HALT 2318 – Fall 2009 – 6 of 7 students satisfactorily completed the fertilizer calculations lab final HALT 2301 – None can be assessed
	Related Action Plans HALT 2318 – Develop scoring guide to better measure outcome HALT 2301 - Develop competency scoring guide for pruning and mulching operations



ALAMO COLLEGES

PALO ALTO COLLEGE

#3	Turf Grass and Golf Course Management: Management Level I AAS Certificate Student Learning Outcome Use and maintain equipment common to turf management.
	Courses in the degree plan that address this outcome HALT 2312
	Assessment Measure for this Outcome Equipment Maintenance Schedule Lab Exercise
	Achievement Target for this Measure. 70% of assessed students satisfactorily develop a maintenance plan.
	Findings Spring 2008 – 4 of 4 students successfully completed a maintenance plan = 100% Success Rate.
	Related Action Plans Develop a scoring guide for the lab exercise