



AAS Landscape and Horticulture Science

Career and Technical Education Degrees and Certificates

#1	AAS Landscape and Horticulture Science Degree Student Learning Outcome Apply the basic principles of plant function and development emphasizing Horticultural applications.
	Courses in the degree plan that address this outcome HALT 1401/AGRI 1415
	Assessment Measure for this Outcome Final Examinations in HALT 1401/AGRI 1415 Introduction to Horticulture course.
	Achievement Target for this Measure 80 percent of the class passing the HALT 1401 or AGRI 1415 finals with a C or better .
	Findings
	Related Action Plans Develop test blue prints for the finals Increase use of technology in plant identification. Increase hands-on activity.
#2	AAS Landscape and Horticulture Science Degree 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 2386
	Assessment Measure for this Outcome Evaluation of the goals set by agreement for the HALT 2386 Internship – Applied Horticulture/Horticultural Operations, General class used as the capstone for the Associate of Applied Science Award. Post-graduate employer survey or final supervisor evaluation in course.
	Achievement Target for this Measure 80 percent of the class pass the goals assessment in HALT 2386 Internship – Applied Horticulture/Horticultural Operations, General with a C or better and a satisfactory evaluation from the post-graduate employer or final supervisor.
	Findings
	Related Action Plans Create a rubric as a scoring guide to assess the goals Create a rubric as a guide for the employer/supervisor evaluations



	Increase use of technology in plant identification. Increase hands-on activity.
#3	AAS Landscape and Horticulture Science Degree Student Learning Outcome Identify, use and care for a wide variety of plants in the landscape and greenhouse, emphasizing the importance of plant selection, planting practices and proper cultural activities.
	Courses in the degree plan that address this outcome HALT 1303, HALT 1331, HALT 1401/AGRI 1415, HALT 2301
	Assessment Measure for this Outcome Final Examinations in HALT 1303 Herbaceous Plants, HALT 1331 Woody Plant Materials, HALT 1401/AGRI 1415 Introduction to Horticulture, and HALT 2301 Arboriculture courses.
	Achievement Target for this Measure 80 percent of the class passing the HALT 1303, HALT 1331, HALT 2301, and either HALT 1401 or AGRI 1415 final with a C or better.
	Findings
	Related Action Plans Create Test Blue Prints for the finals Increase use of technology in plant identification. Increase hands-on activity.
#4	AAS Landscape and Horticulture Science Degree Student Learning Outcome Identify and manage common horticultural biotic and abiotic problems.
	Courses in the degree plan that address this outcome HALT 2323, HALT 2318
	Assessment Measure for this Outcome Final Examinations in HALT 2323 Horticultural Pest Control and HALT 2318 Soil Fertility and Fertilizers.
	Achievement Target for this Measure 80 percent of the class passing the HALT 2323 Horticultural Pest Control and HALT 2318 Soil Fertility and Fertilizers finals with a C or better.
	Findings
	Related Action Plans Create Test Blue Prints for the finals Increase use of technology in plant identification.



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	Increase hands-on activity.
#5	AAS Landscape and Horticulture Science Degree Student Learning Outcome Demonstrate the design, estimating and installation process for landscape projects.
	Courses in the degree plan that address this outcome HALT 1351, HALT 1319
	Assessment Measure for this Outcome Final Examinations in HALT 1351 Landscape Business Operations and HALT 1319 Landscape Construction.
	Achievement Target for this Measure 80 percent of the class passing the HALT 1351 Landscape Business Operations and HALT 1319 Landscape Construction finals with a C or better.
	Findings
	Related Action Plans Create Test Item Blue Prints for the finals Increase use of technology in plant identification. Increase hands-on activity.