



ALAMO
COLLEGES

PALO ALTO COLLEGE

Associate of Science in Computer Information Systems

Career and Technical Education Degrees and Certificates

#1	AS Computer Information Systems Degree Student Learning Outcome Demonstrate basic programming skills in a given computer language
	Courses in the degree plan that address this outcome COSC 1315
	Assessment Measure for this Outcome Programming assignments and the final for the COSC 1315 course
	Achievement Target for this Measure 70% of assessed students will achieve a passing grade on all the programming assignments and the final for COSC 1315 course.
	Findings
	Related Action Plans <ul style="list-style-type: none">• Develop a rubric for assessing the programming assignments• Develop a test blue print for the final• Early Alert and Gateway to College Alerts are strictly followed starting Spring 2009• Better software development environment, tighter integration with textbook, expansion of teaching material (i.e. video lectures) will be implemented starting Fall 2010
#2	AS Computer Information Systems Degree Student Learning Outcome Demonstrate medium level programming skills in C++ programming language
	Courses in the degree plan that address this outcome COSC 1320
	Assessment Measure for this Outcome Programming assignments and the final for the COSC 1320 course
	Achievement Target for this Measure 70% of assessed students will achieve a passing grade on all the programming assignments and the final for COSC 1320 course.
	Findings



	<p>Related Action Plans</p> <ul style="list-style-type: none">• Develop a rubric to assess the programming assignments• Develop a Test Blue Print for the final• It has been observed that low productive grade rate in cosc 1320 was in large part due to students being unprepared for a medium-level programming course. In the Fall of 2009 the department has instituted an intro programming course pre-requisite, which has already resulted in productive rate improvement). Strict enforcement of the pre-requisites will continue.• Early Alert and Gateway to College Alerts are strictly followed starting Spring 2009• Better software development environment, tighter integration with textbook, expansion of teaching material (i.e. video lectures) will be implemented starting Fall 2010
#3	<p>AS Computer Information Systems Degree Student Learning Outcome</p> <p>Demonstrate advanced programming skills and methods in a given computer language</p>
	<p>Courses in the degree plan that address this outcome</p> <p>COSC 1337</p>
	<p>Assessment Measure for this Outcome</p> <p>Programming assignments and the final for the COSC 1337 course</p>
	<p>Achievement Target for this Measure</p> <p>70% of assessed students will achieve a passing grade on all the programming assignments and the final for COSC 1337 course.</p>
	<p>Findings</p>
	<p>Related Action Plans</p> <ul style="list-style-type: none">• Develop a rubric to assess the programming assignments• Develop a test blue print for the final <p>Data sample for this course is too small to draw any meaningful conclusions. However, based on other similar courses we will implement the following strategies:</p> <ul style="list-style-type: none">• Early Alert and Gateway to College Alerts are strictly followed starting Spring 2009• Better software development environment, tighter integration with textbook, expansion of teaching material (i.e. video lectures) will be implemented starting Fall 2010• Strict enforcement of prerequisites