Associate of Science in Computer Science
Career and Technical Education Degrees and Certificates

#1	AS Computer Science 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 students will achieve a passing grade on the programming assignments and the final in COSC 1315.
	<mark>Findings</mark>
	Related Action Plans • Create a rubric to assess the programming assignments • Create 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 Science Degree Student Learning Outcome Demonstrate knowledge of advanced data structures in a given computer language
	Courses in the degree plan that address this outcome COSC 2315
	Assessment Measure for this Outcome Programming assignments and the final for the COSC 2315 course
	Achievement Target for this Measure 70% of students will achieve a passing grade on the programming assignments and the final in COSC 2315.

	Related Action Plans • Create a rubric to assess the programming assignments • Create a test blue print for the final • It has been observed that many students enrolled in COSC 2315 do not have the necessary programming experience. It is essential that programming courses pre-requisites be enforced. • Early Alert and Gateway to College Alerts will be strictly followed starting Fall 2010
#3	AS Computer Science Degree Student Learning Outcome Demonstrate advanced programming skills and methods in a given computer language
	Courses in the degree plan that address this outcome COSC 1337
	Assessment Measure for this Outcome Programming assignments and the final for the COSC 1337 course
	Achievement Target for this Measure 70% of students will achieve a passing grade on the programming assignments and the final in COSC 1337.
	Findings
	Related Action Plans • Create a rubric to assess the programming assignments • Create a test blue print for the final 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: • 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