

DIABLO VALLEY COLLEGE SLO PLAN for Instructional Programs		PROGRAM TITLE	Certificate of Achievement - Computer and Information Science		Assessment Term/Year:	Fall 2008	
		CONTACT PERSON	Robert Burns		Ext.	2610	Assessment Cycle #:
		DIVISION	Math/CS	Department	Computer Science	Cycle Completed:	1
PROGRAM GOAL STATEMENT		The purpose of the program is to prepare students for a variety of programming or information systems positions and is especially suitable for students who have four-year degrees.				Summary Received:	
EXPECTED Student Learning Outcome	METHODS OF ASSESSMENT	MEASUREMENT CRITERIA	SUMMARY AND ANALYSIS OF DATA		PLAN OF ACTION Use of Results and Modifications		
Students completing the program should be able to:	Students completing the course will be assessed by these assessment methods::	Students completing the program will be measured based on these measurement criteria:	Completed Dec 24, 2008		Activated Jan 15, 2009		
1. Students completing the program will be able to write C++ or Java programs that use constructs of sequence, selection (ifs), and iteration (loops).	Online self-evaluation survey question by email invitation during finals week, for all students completing the program, using email addresses provided to the department by Research. If none, then results are from students completing Comsc-110 in the just-completed semester.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	9+18+14 Strongly agree 73% 1+7+1 Somewhat agree 16% 0+2+0 Neutral 4% 1+1+0 Somewhat disagree 4% 0+0+2 Strongly disagree 4% 89% agree		Affirmation and reinforcement of current methods and curriculum, but pay closer attention to dropping non-participating students from the roster.		
2. Students completing the program will be able to understand the differences among the various search techniques (linear, binary, and binary trees) and can implement all of them.	Online self-evaluation survey question by email invitation during finals week, for all students completing the program, using email addresses provided to the department by Research. If none, then results are from students completing Comsc-210 in the just-completed semester.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	9 Strongly agree 82% 2 Somewhat agree 18% 0 Neutral 0% 0 Somewhat disagree 0% 0 Strongly disagree 0% 100% agree		Affirmation and reinforcement of current methods and curriculum.		
3. Students completing the program will be able to create an Assembly Language program that includes decisions, loops, function calls, and interrupts.	Online self-evaluation survey question by email invitation during finals week, for all students completing the program, using email addresses provided to the department by Research. If none, then results are from students completing Comsc-260 in the just-completed semester.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	16 Strongly agree 73% 5 Somewhat agree 23% 1 Neutral 5% 0 Somewhat disagree 0% 0 Strongly disagree 0% 95% agree		Affirmation and reinforcement of current methods and curriculum.		