

DIABLO VALLEY COLLEGE SLO PLAN for Instructional Programs		PROGRAM TITLE	Associate in Science - Computer 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 offer students a broad general education while integrating an in-depth study of computer science. Students will be prepared to assume entry-level positions in business and industry.					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 understand the difference among various O(n lg n) sorting algorithms and can implement quick sort, merge sort, Shell sort, and heap sort.	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.	8 Strongly agree 73% 3 Somewhat agree 27% 0 Neutral 0% 0 Somewhat disagree 0% 0 Strongly disagree 0% 100% agree		Affirmation and reinforcement of current methods and curriculum.		
2. 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.		
3. Students completing the program will be able to do inheritance by creating a class from an existing class.	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-266 in the just-completed semester.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	13 Strongly agree 81% 3 Somewhat agree 19% 0 Neutral 0% 0 Somewhat disagree 0% 0 Strongly disagree 0% 100% agree		Affirmation and reinforcement of current methods and curriculum.		