

DVC Student Learning Outcomes

Diablo Valley College Instructional SLOs	Course No/Title	COMSC-110: Introduction to Programming			Assessment Yr/Term	2008 FA
	Contact Person	Robert Burns	Ext	2610	Assessment Cycle#	
Course Goal Statement Edited: 1/29/2009	The purpose of this course is as an introduction to programming emphasizing modular design and development of programs, coding style, documentation, and debugging and testing. All control structures and data types of a commonly used language are covered.				Cycle Completed	No
					Stages 1-3 Completed	No
					Stages 4-5 Completed	No

#	1. Expected Outcome	2. Assessment Methods	3. Measurement Criteria	4. Data Analysis	5. Action Plan
1	Students completing the course will be able to write 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 on the active WebAdvisor roster, using the email addresses from WebAdvisor profiles.	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	Planned activation date: 1/15/2009 Affirmation and reinforcement of current methods and curriculum, but pay closer attention to dropping non-participating students from the roster.
2	Students completing the course will be able to write programs that have subprograms (C++ "functions" or Java "methods") with parameter (or "argument") lists.	Online self-evaluation survey question by email invitation during finals week, for all students on the active WebAdvisor roster, using the email addresses from WebAdvisor profiles.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	7+16+15 Strongly agree 67% 3+8+0 Somewhat agree 19% 1+2+0 Neutral 5% 0+2+1 Somewhat disagree 5% 0+1+1 Strongly disagree 3% 86% agree	Affirmation and reinforcement of current methods and curriculum.
-3	Students completing the course will be able to write programs that apply arrays.	Online self-evaluation survey question by email invitation during finals week, for all students on the active WebAdvisor roster, using the email addresses from WebAdvisor profiles.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	8+12+12 Strongly agree 56% 3+16+2 Somewhat agree 37% 0+0+1 Neutral 2% 0+1+1 Somewhat disagree 3% 0+1+1 Strongly disagree 3% 93% agree	Affirmation and reinforcement of current methods and curriculum.