

DVC Student Learning Outcomes

Diablo Valley College Instructional SLOs	Course No/Title	COMSC-105: Introduction to Computer Science		Assessment Yr/Term	2008 FA
	Contact Person	Robert Burns	Ext	2610	Assessment Cycle#
Course Goal Statement	The purpose of this course is as a beginning course for computer science majors and students interested in programming. Basic hardware and software terminologies are covered. Students are introduced to program design and development methodologies, data representation, data structures, operating systems, and machine architecture.			Cycle Completed	No
Edited: 1/29/2009				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 name the different hardware parts of a computer system and describe their purpose.	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.	16 Strongly agree 76% 4 Somewhat agree 19% 0 Neutral 0% 0 Somewhat disagree 0% 1 Strongly disagree 5% 95% agree	Affirmation and reinforcement of current methods and curriculum.
2	Students completing the course will be able to describe the purpose of the operating system, as well as some of the problems that arise, and their solutions.	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.	14 Strongly agree 66% 6 Somewhat agree 29% 0 Neutral 0% 0 Somewhat disagree 0% 1 Strongly disagree 5% 95% agree	Affirmation and reinforcement of current methods and curriculum.
-3	Students completing the course will be able to use a text editor and a C++ compiler to create, edit, debug and execute a simple C++ program.	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.	13 Strongly agree 62% 4 Somewhat agree 19% 2 Neutral 9% 1 Somewhat disagree 5% 1 Strongly disagree 5% 81% agree	Affirmation and reinforcement of current methods and curriculum.