

**DVC Student Learning Outcomes**

<b>Diablo Valley College Instructional SLOs</b>	<b>Course No/Title</b>	COMSC-265: Advanced Programming With C and C++		<b>Assessment Yr/Term</b>	2008 FA	
	<b>Contact Person</b>	Robert Burns	<b>Ext</b>	2610	<b>Assessment Cycle#</b>	
<b>Course Goal Statement</b>	The purpose of this course is to teach programming techniques using C and C++ languages. The syntax of C will be reviewed, then advanced topics such as string processing, pointers, links lists, queues, stacks, and dynamic memory allocation will be covered.				<b>Cycle Completed</b>	No
Edited: 1/29/2009					<b>Stages 1-3 Completed</b>	No
					<b>Stages 4-5 Completed</b>	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 a structure and create a structure variable.	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+7 Strongly agree 84% 1+1 Somewhat agree 11% 0+1 Neutral 5% 0+0 Somewhat disagree 0% 0+0 Strongly disagree 0%  95% agree	Affirmation and reinforcement of current methods and curriculum.
2	Students completing the course will be able to work with sequential and random access files.	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+5 Strongly agree 63% 2+3 Somewhat agree 26% 1+1 Neutral 11% 0+0 Somewhat disagree 0% 0+0 Strongly disagree 0%  89% agree	Affirmation and reinforcement of current methods and curriculum.
-3	Students completing the course will be able to work with pointers and create a linked list.	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+5 Strongly agree 74% 1+1 Somewhat agree 9% 0+3 Neutral 16% 0+0 Somewhat disagree 0% 0+0 Strongly disagree 0%  83% agree	Affirmation and reinforcement of current methods and curriculum.