

Ventura College	Department: Physical Science For each course, use an x to identify the core competencies that are given a major emphasis and are measured.	PHSC VO1																				
Communication	1.1 Read, retain, and apply published ideas																					
	1.2 Write clearly and accurately																					
	1.3 Speak clearly in formal and informal settings																					
	1.4 Demonstrate active listening skills / effective interpersonal communication																					
	1.5 Employ vocabulary of the subject studied																					
	1.5 Become proficient in a second language																					
Information Competency	2.1 Recognize need for information; clarify the question to be answered																					
	2.2 Differentiate between major and minor arguments or ideas																					
	2.3 Find and interpret relevant information																					
	2.4 Evaluate authority and bias of information																					
	2.5 Utilize data to draw conclusions or to create new information																					
	2.6 Document sources of information																					
	2.7 Use technology to acquire and process information																					
Critical Thinking	3.1 Evaluate own beliefs, biases, and assumptions																					
	3.2 Evaluate strengths, weaknesses, and fallacies of logic																					
	3.3 Apply lessons from the past or learned knowledge to new situations																					
	3.4 Apply principles of scientific reasoning to solve problems																					
	3.5 Approach problems by choosing from variety of mathematical techniques																					
	3.6 Defend a logical hypothesis to explain observed phenomenon																					
	3.7 Recognize a problem; devise and implement a plan of action																					
Creative Expression	4.1 Express one's self creatively or solve problems in an original way																					
	4.2 Collaborate to perform the work of others or to create original work																					