Ventura College	**Department: Engineering** For each course, use an x to identify the core competencies that are given a major emphasis and are measured.	ENGR V01	ENGL V02	ENGL V03	ENGR V05A	ENGR V05B	ENGR V12	ENGR V16	ENGR V16L	ENGR V18										
Communication	1.1 Read, retain, and apply published ideas	x	x							x										
	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									x										
	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				x															
	2.4 Evaluate authority and bias of information																			
	2.5 Utilize data to draw conclusions or to create new information			x	x	x														
	2.6 Document sources of information																			
	2.7 Use technology to acquire and process information				x	x		x	x											
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		x	x			x	x	x	x										
	3.5 Approach problems by choosing from variety of mathematical techniques					x		x	x	x										
	3.6 Defend a logical hypothesis to explain observed phenomenon																			
	3.7 Recognize a problem; devise and implement a plan of action	x	x	x		x	x													
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							x	x											
	4.3 Apply feedback to improve performance																			
	4.4 Evaluate diverse artistic works																			
Civic Responsibility	5.1 Demonstrate knowledge of current events and social issues																			
	5.2 Work effectively as a leader or participant in group settings																			
	5.3 Assume civic, political, or social responsibilities																			
	5.4 Identify personal convictions and explore options for putting into practice																			
	5.5 Accept responsibility for own actions																			
	5.6 Demonstrate respect for diversity of ideas and the rights of others																			
	5.7 Exhibit personal, professional, and academic honesty																			
	5.8 Display behavior consistent with ethical standards within a discipline																			
Social Interaction & Life Skills	6.1 Work as an effective member of a team							x	x											
	6.2 Demonstrate etiquette in face-to-face and written communications																			
	6.3 Use language as appropriate to the situation																			
	6.4 Utilize conflict resolution skills when appropriate																			
	6.5 Demonstrate the ability to give and receive constructive feedback																			
	6.6 Apply time management skills to complete a task																			
	6.7 Develop stress management skills or other skills to maintain health																			