

PUL/ABET OUTCOMES LINKS FOR THE ECE AND ME DEPARTMENTS

Revised: November 1, 2001

3 = strong linkage, 2 = moderate linkage, 1 = mild linkage
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THE PRINCIPLES OF UNDERGRADUATE LEARNING Require All Students to Demonstrate An Ability to:	ENGINEERING OUTCOMES – EAC CRITERIA #3; items a to k										
	a	b	c	d	e	f	g	h	i	j	k
1(a) - Express ideas and facts effectively in written formats							3				
1(b) - Comprehend, interpret, and analyze texts					2				1		
1(c) - Communicate orally in one-on-one and group settings				2			3				
1(d) - Solve problems that are quantitative in nature	3	1			3						
1(e) - Make efficient use of information resources and technology for personal and professional needs											3
2(a) - Analyze complex issues and make informed decisions	2	3			3	3					
2(b) - Synthesize information in order to arrive at reasoned conclusions	2	3			3	3					
2(c) - Evaluate the logic, validity, and relevance of data		3			3						
2(d) - Solve challenging problems	2	3	3		3						
2(e) - Use knowledge and understanding to generate and explore new questions	2				3	2				1	
3(a) - Apply knowledge to enhance personal lives (or others)	2		3		3						
3(b) - Apply knowledge to meet professional standards and competencies			2			1					3
3(c) - Apply knowledge to further the goals of society				3	3	1		2			1
4(a) - Display substantial knowledge and understanding of at least one field of study	3	3	3		3						3
4(b) - Compare and contrast approaches to knowledge in different disciplines	2	1		1	1	3		2		1	
4(c) - Modify their approach to an issue or problem based on contexts and requirements of particular situations				3	3	2				1	
5(a) - Compare and contrast the range of diversity and universality in human history, societies, and ways of life								2		2	
5(b) - Analyze and understand the interconnectedness of global and local concerns							1	2		2	
5(c) - Operate with civility in a complex social world				2		2				1	
6(a) - Make informed and principled choices regarding conflicting situations in their personal and public lives and to foresee the consequences these choices							3	2		2	
6(b) - Recognize the importance of aesthetics in their personal lives and to society								2		2	