BS Computer Engineering Program Courses to PLO Mapping

				Learning Domains and Taxonomy Levels										
Sem	Course Code	Subject	1	2	3	4	5	6	7	8	9	10	11	12
	MA101	Calculus I	C1,C2,C3	C3,C4										
	MT103	Workshop Practice	Р3							A2	A4			
	EE101L	Electric Circuit Analysis Laboratory				P1							P3	
	EE101	Electric Circuit Analysis	C2,C3,C4	C2	C3	C4	C3							
1 st	CE102	Computing Fundamentals	C1	C2	C3									
1	CE102L	Computing Fundamentals laboratory	P1, P2				P2							
	HU118	Islamic Studies								C1,C4				A3
	CE112	Computer Programming	C1	C2	C2									
	CE112L	Computer Programming Lab	P1	P2							A2			
	HU115	Pakistan Studies						C1, C2						C3,C4

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	MA105	Multivariable Calculus	C1,C2	C2,C3,C4								
	HU121	Communication Skills								C1, C2, C3		
	CE113L	Object Oriented Programming Laboratory		Р3	P4				A3			
and	CE113	Object Oriented Programming		C2	C3				C3			
2 nd	EE103L	Network Analysis Laboratory				P1				A2	A3	
	EE103	Network Analysis	C2	С3		C3						
	PH102	Applied Physics		C1, C3, C1		C1, C3			C3			
	MT171	Engineering Drawing					P3, P3					
	CE223L	Digital Logic Design Laboratory			P2				A3			
3 rd	CE223	Digital Logic Design	C2	C4	C3							
314	CE204	Discrete Structures	C2	СЗ	C3							
	MA217	Linear Algebra and Differential Equation	C1,C2,C3	C4,C4								

BS Computer Engineering Program

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	CE214	Data Structures	C3	C2	C3								
	CE214L	Data Structures Laboratory			Р3		P1						
	CE205	Computer Applications in Engineering Design				C2	C3,C3						
	CE205L	Computer Applications in Engineering Design			P1		P2			P2			
	EE208L	Analog Electronics Laboratory						A2		Р3	Р3	P3	
	EE208	Analog Electronics	C2	C3,C3	C3								
	HU114	Technical English									C2, C3, C3		
4 th	MA218	Complex Variables and Transforms	C1,C2,C3	C4									
4	CE231L	Computer Networks Laboratory					P2				A2	Р3	
	CE231	Computer Networks	C2	C4	C3						A2		
	CE224	Computer Organization & Assembly Language	C3	C4	C4					A4			
	CE224L	Computer Organization & Assembly Language	P2		Р3					A2			

BS Computer Engineering Program

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	EE235	Signals and Systems	C2,C3	C3									
	EE235L	Signals and Systems Laboratory					P2			P4			
	CE324L	Microprocessors & Microcontrollers					Р3			A2			
5 th	CE324	Microprocessors & Microcontrollers	C2,C3		C3		C4						
3	CE332	Operating Systems	C2	C4	C3								
	CE332L	Operating Systems Laboratory			С3		C3						
	MA303	Probability and Random Variables	C1	C2, C3		C4, C5							
	MA200	Numerical Methods		C1, C2	C3, C4								
	CE344L	Digital Image Processing Lab	Р3		P3						A2		
6 th	CE344	Digital Image Processing		C3	C4							A3	
6 th	EM332	Engineering Economics		C3				C4				СЗ	
	EE338	Digital Signal Processing	C3,C3,C3	C3	C4								

BS Computer Engineering Program Courses to PLO Mapping

	EE338L	Digital Signal Processing Laboratory			P2		Р3						
	CE497	Final Year Proiect I	C3	C4	C3	C4			A2				
	HU307	Technical Report Writing										C2, C3, C4	
	CE325	Digital System Design	C3		C3	C4							
	CE325L	Digital System Design Laboratory			P2		Р3				A2		
	HU215	Ethics								C2	СЗ		C4
	CE498	Final Year Project-II					Р3	P2	A3				P4
	CE416	Data Base Systems	C3	C4	C3								
7 th	CE416L	Data Base Systems Laboratory			P3		Р3						
	CE362	Software Engineering			C3, C3					C2			A3
	CE351	Artificial Intelligence for Engineers		C2	C3		C4						
	CE351L	Artificial Intelligence for Engineers Laboratory			Р3								

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	MT467	Applied Robotics	C2	C4,C4										
	HU314	Contemporary International Relations								C2	СЗ			C4
	CE352	Machine Learning			C4	СЗ					C3			
81	h CE491	Entrepreneurship						C2			СЗ		С3	
	BM414	DNA Computing	C3	C3										
	CE499	Final Year Project III		C3	C5				Р3	A2	A3	A2	A3	
			46	41	34	12	18	6	4	7	16	13	7	7