Table 4-1 Course mapping of the related course to Computer Engineering Student Outcomes (CPSO) and TABEE Outcome (sorted by TABEE outcome)

Course ID	Course Title	Curri-culum	1						2			3		4		5				6		7		8	9	10	11		11	TABEE
			TK1-TK4						TK1-TK4			TK5		TK8		TK2, 6				TK9		-		TK1, 5, 7	TK9	-	TK8		TK8	TK*
			a.1	a.2	a.3	a.4	a.5	a.6	e. 1	e. 2	e. 3	c. 1	c. 2	b.1	b.2	k.1	k.2	k.3	k.4	d.1	d.2	g.1	g.2	h.1	f. 1	h.2	i. 1	i. 2	j. 1	CPSO
2100301	ENG PRACTICE	2018																									●			
2110101	COMP PROG	2018	○															○												
2110201	COMP ENG MATH	2018		○												●												●		
2110202	DISCRETE STRUC	2018		●	●																									
2110203	COMP ENG MATH II	2018		●																										
2110211	INTRO DATA STRUCT	2018	●		○				○	○	○	○	○					●										○		
2110215	PROG METH I	2018	●				●											●				●								
2110221	COMP ENG ESS	2018		○	○	○					○		○				○			●	●		○		●				○	
2110233	COMP ENG LAB	2018														●														
2110251	DIG COMP LOGIC	2018				●					○																			
2110263	DIG LOGIC LAB I	2018								●	●								●											
2110313	OS SYS PROG	2018						●						○			●													
2110316	PROG LANG PRIN	2018							●	●	●	○	○																	
2110322	DB SYS	2018			○						○	○	○					○					●							●
2110327	ALGORITHM DESIGN	2018	○		●				○	○		○						○										○		
2110335	SE1	2018					●		○	○	○	○										●		●						
2110336	SE2	2018										●	●							●			○			●				
2110352	COMP SYS ARCH	2018				○						○			●													●		
2110356	EMBEDDED SYS	2018				●																								
2110363	HW SYN LAB I	2018								○	○		○						●	○								○		
2110366	EMBEDDED SYS LAB I	2018																	●											
2110471	COMP NETWORK I	2018						●						●			●													
2110488	CAP PROJ I	2018							●	●		●		●						●		●	●		●		●	●	●	
2110489	CAP PROJ II	2018									●		●		●						●	●	●	●	●	●	●	●		

* TK: TABEE Knowledge Profile

Table 4-2 Course mapping of the related course to Computer Engineering Student Outcomes (CPSO) and TABEE Outcome (sorted by CPSO)

Course ID	Course Title	Curri-culum	1						4		3		6		2			9	7		8	10	11		11	5				TABEE
			TK1-TK4						TK8		TK5		TK9		TK1-TK4			TK9	-		TK1, 5, 7	-	TK8		TK8	TK2, 6				TK*
			a.1	a.2	a.3	a.4	a.5	a.6	b.1	b.2	c. 1	c. 2	d.1	d.2	e. 1	e. 2	e. 3	f. 1	g.1	g.2	h.1	h.2	i. 1	i. 2	j. 1	k.1	k.2	k.3	k.4	CPSO
2100301	ENG PRACTICE	2018																					●							
2110101	COMP PROG	2018	○																									○		
2110201	COMP ENG MATH	2018		○																				●		●				
2110202	DISCRETE STRUC COM	2018		●	●																									
2110203	COMP ENG MATH II	2018		●																										
2110211	INTRO DATA STRUCT	2018	●		○						○	○			○	○	○							○				●		
2110215	PROG METH I	2018	●				●												●									●		
2110221	COMP ENG ESS	2018		○	○	○						○	●	●			○	●		○					○		○			
2110233	COMP ENG LAB	2018																								●				
2110251	DIG COMP LOGIC	2018				●											○													
2110263	DIG LOGIC LAB I	2018														●	●												●	
2110313	OS SYS PROG	2018						●	○																		●			
2110316	PROG LANG PRIN	2018									○	○			●	●	●													
2110322	DB SYS	2018			○						○	○					○			●					●			○		
2110327	ALGORITHM DESIGN	2018	○		●						○				○	○								○				○		
2110335	SE1	2018					●				○				○	○	○		●		●									
2110336	SE2	2018									●	●	●							○		●								
2110352	COMP SYS ARCH	2018				○				●	○													●						
2110356	EMBEDDED SYS	2018				●																								
2110363	HW SYN LAB I	2018										○	○			○	○							○					●	
2110366	EMBEDDED SYS LAB I	2018																											●	
2110471	COMP NETWORK I	2018						●	●																		●			
2110488	CAP PROJ I	2018							●		●		●		●	●		●	●	●			●	●	●					
2110489	CAP PROJ II	2018								●		●		●			●	●	●	●	●	●	●	●						

* TK: TABEE Knowledge Profile