

(SYLLABUS)

1.

(Course Title)		(Instructor)			
(Year)	2023	(Semester)	1	(Course No.)	2150078601
(Class)	01	(Open to)	2, 3, 4	(Course Classification)	-
(Credit)	3.0		03		100
					Office Hour
(Office)	051301	(Telephone)	02-820-0638	(e-mail)	donghwashin@ssu.ac.kr
			+		2011
	(*) (ABEEK Classification)		(*) (ABEEK Requirement)		
(Course Description)					

가	(100)	(100%)
	100	100

(Required Texts)		
	()	* / / 2016/2 * /Digital Design/F. Vahid/Wiley/2011/2nd ed.

2.

(Week)	(Keyword)	(Description)		(Texts)
01		/ /		

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02	,	/ ()	,	
03		2 K-Map 2	,	
04	1	; /	, , , ,	
05	2	; /	,	
06	Testbench,	Schematic/Verilog HDL Testbench	,	
07		Full Adder	, ,	
08		()	,	
09	, ,	1 SR latch JK-, D- Flip-Flop	, , , ,	
10		Clocks	,	
11	Finite State Machines 1	FSM(Finite State Machine) FSM	,	
12	Finite State Machines 2	FSM	, , , ,	
13	Counter	Decimal Counter	, , , ,	
14		Multi-function Counter	, , , ,	
15		()	, , , ,	

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3. ()

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	Open-ended problem		
	Teamwork		
	Communication skills		