

(SYLLABUS)

1.

(Course Title)		(Instructor)			
(Year)	2024	(Semester)	2	(Course No.)	2150098801
(Class)	01	(Open to)	3, 4	(Course Classification)	-
/	3.0 / 03 / 3		Pass/Fail	가	가
(Office)	403	(Telephone)	02-820-0976	(e-mail)	roger@ssu.ac.kr
	, (FL)		+		2023
	(*) (ABEEK Classification)		(*) (ABEEK Requirement)		
(Course Description)	CIS SK 가				


가	( 100 )	( 100%)
	10	10
(SK )	70	70
	10	10
	10	10

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(Required Texts)		* /SK /SK /2023
	( )	* /SK /SK /2023
	1. 2. SK (mySUNI) 가	
	- 가 / / / /SW/Package 가 . - + (Zoom) , ( ) , LMS Zoom 가 . - SK mySUNI 가 12 , Basic(Level1), Intermediate(Level2), Advanced(Level3) - SK 가 ( SK @soongsil.ac.kr), 가. (@soongsil.ac.kr) 가 sos@soongsil.dooray.com - SK site: https://www.skcurriculum.com - (PASS) (1) 70% ( Zoom ) (2) 11 ( 9 ) SK 12 5 Level1 (3) SK (7 : ~10/18) (15 : ~ 12/13)	
Orientation .pdf		

2.

(Week)	(Keyword)	(Description)		(Texts)
01	Overview	#1. 25% (B) #2. ? (I) #3. 가 ?(A)		
02	DRAM	#1-1 가? ( Switch ) (B) #1-2 CMOS Logic (B) #1-3 Logic (가 ) (I) #2-1 (B) #2-2 DRAM (I)		
03	- DRAM - Package	#3. DRAM (B) #4-1 DRAM Core (Active / Read / Write / Precharge) (A) #4-2 DRAM Addressing (A) #1. Package (B) #2. Package (B)		
04	NAND	#1. NAND (B) #2-1 NAND Cell Array (B) #2-2 NAND Flash (B) #2-3 NAND Block NAND Addressing (B)		
05	NAND	#3-1 NAND Operation (I) #3-2 Read Operation (I) #3-3 Program Operation (I) #3-4 Erase Operation (I)		

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06	NAND	#4-1 Multi Plane Operation (A) #4-2 Cache Operation, Plane Interleave (A) #4-3 Suspend, SPO, Summary (A) #5. NAND! ? 100% ? (A) #6. 가 NAND ? (A)		
07	DRAM	#1. DRAM Introduction (B) #2. DRAM (I) #3. DRAM (A)		
08	- DRAM - NAND	#4. DRAM Process Integration (A) #1. Introduction (B) #2. Basic Operation & Structure (I)		
09	NAND	#3. 3D NAND & Bit Growth (A) #4. Characteristics & Reliability (A)		
10	Solution	#1. Solution (B) #2-1. SoC ? (B) #2-2. SoC (I) #2-3. SoC (A)		
11	Solution	#3-1. FW ? (B) #3-2. HIL (B) #3-3. FTL (1) ATL (I) #3-4. FTL (2) VFL (I) #3-5. FIL (A)		
12	Solution	#4-1. Solution (B) #4-2. Solution (I) #4-3. Solution (A)		
13	- - /Test	#1. / Overview (1) (B) #2. / Overview (2) (B) #1-1. (B) #1-2. (I) #2-1. DRAM Test (B) #2-2. DRAM (B)		
14	CIS Overview	#1. CIS ? (B) #2. CIS / (1) (B) #3. CIS / (2) (B) #4. CIS (I) #5. ISP 가 (I) #6. CIS /CIS (A)		
15		#1. Keywords (1) (B) #2. Keywords (2) (I) #1. AIM (1) (A) #2. AIM (2) (A)		

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3. ( )

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	Open-ended problem		
	Teamwork		
	Communication skills		