

(SYLLABUS)

1.

(Course Title)		(Instructor)			
(Year)	2026	(Semester)	2	(Course No.)	2150083501
(Class)	01	(Open to)	2, 3, 4	(Course Classification)	-IT / -
/	3.0 / 03 / 3		100	가	가
(Office)	107	(Telephone)	02-828-7164	(e-mail)	yslee@ssu.ac.kr
	(PBL), (TBL)				
	(*) (ABEEK Classification)		(*) (ABEEK Requirement)		
(Course Description)	CPU, , CNN H/W 가 AI RISC-V , SRAM/DRAM 가 . H/W				

- - - 가 / .	

가	(100)	(100%)
	100	10
	100	30
	100	30
	100	30

(SYLLABUS)

(Required Texts)		* / /David A. Patterson/ /2021/6
	()	* (URL,)/Handouts/ * //2024
	Engaged Learning+	가 () “ ” “ ” 3 가 .
	Engaged learning . + 가 .	

2.

(Week)	(Keyword)	(Description)		(Texts)
01			, ,	
02	가	가	, ,	
03	, ,	, ,	, , , , , ,	
04		Datapath	, ,	
05			, ,	
06			, , , , , ,	
07			, , , , , ,	
08				
09	/		, , , , , ,	
10			, ,	
11			, , , , , ,	
12		Direct-mapped Cache Set Associative Cache	, ,	
13	가	Paging Traslation Look-aside Buffer(TLB)	, ,	
14	I/O	Polling vs. Interrupt-driven I/O	, ,	
15				

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3. ()

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	가/		
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	Open-ended problem		
	Teamwork		
	Communication skills		