

(SYLLABUS)

1.

(Course Title)		(Instructor)			
(Year)	2025	(Semester)	1	(Course No.)	2150078101
(Class)	01	(Open to)		(Course Classification)	
/	3.0 / 03 / 3		Pass/Fail	가	가
(Office)	203	(Telephone)	02-829-8227	(e-mail)	sohnbb0324@ssu.ac.kr
	, (PBL)		+		2023
	(*) (ABEEK Classification)			(*) (ABEEK Requirement)	
(Course Description)	, 가 , , , . .				

	6
○ ○ ○ 가	
○ ○ ○ 가	
○ ○ ○ 가	

6 가 (%)		
30	40	30

가	(100)	(100%)
	10	10
	20	20
	30	30
	40	40

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(Required Texts)		
	()	* / (PDF)/2023
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2.

(Week)	(Keyword)	(Description)		(Texts)
01	가 ? / ?	1. '가? 2. ; 가? 3. ' 가? ' 4. Personal Computer 5. 가 6. AI		- 1
02	IT / 가 가	1. IT 가 ? 2. IT 가 : 3. 4. 5. 6.		- 2
03	: 가? /	1. 2. 3. 4. 5. Chipless IP 6. Foundry OSAT		- 3
04	: / PC	1. , 가? , 2. - 가? 3. : Intel vs. ARM 4. 5. 6. GPU 가?		- 4
05	가 /	1. 2. : AP 3. : 4. : 5. 6. 가		- 5
06	TV /	1. TV : LCD OLED TV ? 2. 3. 4. 5. 6.		- 6

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07	/	1. Biological vs Artificial Neuron 2. ? 3. ? 4. AI 5. AI 6. AI () 가? Multi-tasking vs		- 7
08	/	1. Multi-chip AI () 2. Processing-in-Memory (PIM) 3.		- 8
09	/ -I	/		- 9
10		1. IC Chip 2. 3. , , 4. 5. / / CMP / 6.		- 10
11	PC / (Foundry)	1. Intel 2. 2 AMD 3. AI 4. 가 1 : TSMC 5. Foundry , 6. Intel Foundry		- 11
12	/	1. : Apple 2. : Qualcomm 3. AP 4. 5. 6.		- 12
13	/ -II	/		- 13
14	/	1. IP EDA 2. FPGA 3. 4. 5.. 6.		- 14
15		/		

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3. ()

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	Open-ended problem		
	Teamwork		
	Communication skills		