

# (SYLLABUS)

1.

(Course Title)		(Instructor)			
(Year)	2023	(Semester)	1	(Course No.)	2150182801
(Class)	01	(Open to)		(Course Classification)	-IT / -
(Credit)	3.0 (0 )		03		100
(Office)	051306	(Telephone)	02-820-0710	(e-mail)	chlee@ssu.ac.kr
			+		
	(*) (ABEEK Classification)			(*) (ABEEK Requirement)	
(Course Description)	가 Linux Linux				


가	( 100 )	( 100%)
	100	100

(Required Texts)		* /Operating System/Silberschatz/Wiley/2019/10/			
	( )				
	C	C	가	가	
	30%	30%	30%	10%	

2.

(Week)	(Keyword)	(Description)		(Texts)
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## (SYLLABUS)

01	OS	Introduction to OS: computer		1
02	OS	Introduction to OS: operations	, ,	1
03	OS structure	Computer system architecture and Operation	, ,	2
04	Process	Concept, state transition	, ,	3
05	Process	IPC and concurrent process, Linux Practice: installation	, , , , ,	3
06	Thread	Concept and operation, Linux Practice: basic commands and Administration	, , , , ,	4
07	Thread	Thread and multithread, Linux: process and threads	, , , , ,	4
08	CPU scheduling	Process scheduling algorithm	, , , , ,	5
09		( )		4/29( ) 1-3
10	Synchronization	Synchronization, mutex, semaphore, Linux practice: multiple processing and threads	, ,	6
11	Deadlock	Deadlock, starvation, Linux practice: synchronization	, ,	7
12	memory	Memory management : segmentation, paging	, ,	8
13	File system	File, File system, File allocation	, ,	9
14		( )		6/3( ) 1-3
15	memory and File system	memory management topics File system topics	,	

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3. ( )

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	Open-ended problem		
	Teamwork		
	Communication skills		