

(Syllabus)

[1] (Basic Information)				
<u>(Course Information)</u>				
/	2021 / 1	(Campus)		(Seoul Campus)
(Year/Semester)				
(Course No.)	49155	(Class No.)	01	(Credit) 3
(Course Title)	(COMPUTER ARCHITECTURE)	/	(Time/Room)	207 () 719 < > 5,6 / 6(College of engineering1 719 < > TUE5,6 / THU6)
(Course Classification)	(Major)	(Lecture Type)	(Lone-teaching course)	
(Course Type)	(Theoretical course)	(Medium of Instruction)		
(Accreditation)		(Accreditation of Engineering Education)	(Engineering subject-related course)	
(College)	ICT (College of ICT Engineering)	() (Department)	ICT (School of Electrical and Electronics Engineering)	
e-class (Usage of e-class)	Yes			
<u>(Instructor Information)</u>				
(Name)	(Kim JunSeong)	(Department)	(School of Electrical and Electronics Engineering)	
(Office Phone No.)	02-820-5294	(Contact No.)	02-820-5294	
E-mail (E-mail)	junkim@cau.ac.kr	(Department Phone No.)	02-820-5333	
가 (Office Hour)	3:00-4:00	(Office Location)	207-730	
(Course Web-site)				

가 (Assessment Item)		가 (%) (Assessment Ratio)	가 (Additional Description)	
(Attendance)		5	100%	
(Assignment)		10	10%	가 가 .
(Mid-term Exam)		40	10%	가 가 .
(Final Exam)		45	10%	가 가 .
[5] (Course Schedule)				
(Week)	(Instructor)	(Topic & Content)	(Student Assignment)	가 (Additional Description & Instructor Assignment)
1		Computer Abstractions and Technology		e QnA -
2		Computer Abstractions and Technology		e QnA -
3		Computer Abstractions and Technology		e QnA -
4		Instructions: Language of the Computer		e QnA -
5		Instructions: Language of the Computer		e QnA -
6		Arithmetic for Computers		e QnA -
7		Arithmetic for Computers		e QnA -
8		midterm		
9		The RISC-V Processor		e QnA -
10		The RISC-V Processor		e QnA -
11		Large and Fast: Exploiting Memory Hierarchy		e QnA -
12		Large and Fast: Exploiting Memory Hierarchy		e QnA -
13		Large and Fast: Exploiting Memory Hierarchy		e QnA -
14		Parallel Processors from Client to Cloud		e QnA -
15		Parallel Processors from Client to Cloud		e QnA -
16		final		
[6] (Guide to Learning)				

You MUST read all the class materials.
keep your attention and interest...

2018 1 122 4 " "
120 /122
2 /122
33
25
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21
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17
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가 2014~2018 5
10

(Previous Exam Samples)

< 가 >(<Download Additional Sample>)

가 .

(Engineering Education)

(Learning Outcomes)

: 40 : 40 : 20

(Title)

a simple processor design

(Objective)

computer processor design capability

(Restrictions)

a simple ISA

가 (Assessment Method)

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(In pursuant to the Article 71 ‘Discipline ’of the Chung-Ang University Regulations, and Article 47 ‘Punishment for Cheating during Examination ’under Chapter 6 of the Academic Affairs Management Rules, any student caught engaging in academic misconduct during an exam will be subject to disciplinary action.)

1. : , , , 가
2. : , 가
3. / : 가 , 가
4. : 02-820-6577~9(), 031-670-4816()
(cauable)

In this class, students with disabilities are eligible for reasonable accommodations depending on the type and severity of disability. If you wish to receive accommodations listed below, please contact the Support Center for Students with Disabilities.

1. Visual Impairment: Braille, large print, electronic class materials, volunteer note-taker, adjustments in assessment practices, etc.
2. Hearing Impairment: Volunteer note-taker, stenographer, adjustments in assessment practices, etc.
3. Physical Disabilities/Brain Lesions: Classrooms with wheelchair access, volunteer note-taker, adjustments in assessment practices, etc.
4. Accommodations for students with other psychiatric disabilities or health impairments can be arranged through the Support Center for Students with Disabilities after consultation.
Inquiry: 02-820-6577~9 (Seoul Campus), 031-670-4816 (Anseong Campus)
- KakaoTalk Plus Friend ID: @cauable