

(Syllabus)

[1] (Basic Information)				
<u>(Course Information)</u>				
/	2021 / 1	(Campus)		(Seoul Campus)
(Year/Semester)				
(Course No.)	30670	(Class No.)	01	(Credit) 3
(Course Title)	(MOBILE NETWORK)	/		207 () 604 < / > 7,8 / 8(College of engineering1 604 < / > TUE7,8 / THU8)
(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)	(Song Ohyoung)	(Department)	(School of Electrical and Electronics Engineering)	
(Office Phone No.)	02-820-5322	(Contact No.)	02-820-5322	
E-mail (E-mail)	song@cau.ac.kr	(Department Phone No.)	02-820-5333	
가 (Office Hour)	2	(Office Location)	207 745	
(Course Web-site)	sun.cau.ac.kr			

[2] / (Learning Objectives/Outcomes)		
<u>(Course Description)</u>		
This course deals with Wireless Medium Access Protocol, Routing Protocol, etc. for Mobile Ad-hoc Networks. Also it deals with the Performance, QoS issues, Location management, Power-Save, Roaming, etc. for Wireless Network Protocols.		
<u>(Prerequisites and Co-requisites)</u>		
<u>(Learning Objectives)</u>		
To understand the Wireless Networks on Mobile Environment.		
<u>(Learning Outcomes)</u>		
To understand the Wireless Networks on Mobile Environment.		
[3] (Course Methods)		
<u>(Teaching and Learning Methods)</u>		
(Teaching and Learning Methods)	가 (Additional Description)	
(Lecture)	This course will be taught with the lecture notes by writing on the board.	
<u>(Assignments)</u>		
(Assignments)	(No.)	(, ,)(Assignments Description)
(Report)	4	This course has some assignments.
<u>(Textbooks, Reading, and other Materials)</u>		

[4] 가 (Student Assessment)		
가 (Assessment Item)	가 (%) (Assessment Ratio)	가 (Additional Description)
(Mid-term Exam)	40	
(Final Exam)	40	
(Attendance)	5	
(Assignment)	15	

[5] (Course Schedule)				
(Week)	(Instructor)	(Topic & Content)	(Student Assignment)	가 (Additional Description & Instructor Assignment)
1				Syllabus 1~2 "
2		OSI TCP/IP		Syllabus 1~2 "
3		IP Addressing Classful Addressing		
4		Delivery ,Forwarding, and Routing of IP Packets Mobile Networking Through Mobile IP		
5		Delivery ,Forwarding, and Routing of IP Packets Mobile Networking Through Mobile IP		
6		Internet Protocol Improving IP Performance Over Wireless Networks		
7		ICMP IGMP		
8		Mid-term Exam		
9		User Datagram Protocol		
10		Trasmission Control Protocol Improving TCP Performance Over Wireless Networks		
11		Flow & Error Control Mechanism Over Wireless Networks		
12		Connection Mechanism Over Wireless Networks		
13		Routing Protocol		
14		Routing Protocol Over Wireless Networks		
15		BOOTP / DHCP / DNS World Wide Web / HTTP		
16		Mobile IP / Network Address Translation		
[6] (Guide to Learning)				
This course deals with Wireless Medium Access Protocol, Routing Protocol, etc. for Mobile Ad-hoc Networks. Also it deals with the Performance, QoS issues, Location management, Power-Save, Roaming, etc. for Wireless Network Protocols.				
(Previous Exam Samples)				
< 가 >(<Download Additional Sample>)				
가 .				

(Engineering Education)

(Learning Outcomes)

: 40

: 40

: 20

(Title)

Mobile Network

(Objective)

To understand the Wireless Networks on Mobile Environment.

(Restrictions)

Students must do their homework for themselves

가 (Assessment Method)

Mid-term Exam : 40%, Final Exam : 40%, Homework : 15%, Attendance : 5%

71 【 】

6 47 【 】

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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