

## **Hanyang International Summer School**

	Nan	ne	Youngjoon Won				
Faculty Information	E-mail		youngjoon@hanyang.ac.kr				
	Home Un	iversity	Hanyang University				
	Department		Dept. of Information Systems				
	Homepage		https://young.hanyang.ac.kr				
Course Information	Class No.		18081	Course Code	ENE4019	9 Credits 3	
	Course Name		Introduction to Computer Networks				
	Lecture Schedule		Tue-Fri / 9:00 AM - 12:00 PM				
	Course De	scription	This course introduces the fundamentals of net architectures and methods. Our emphasis is placed on hworks in general.			,	
	Course Objective		Introducing the fundamentals of network (Internet) architectures and methods:  - fundamental concepts of networking and how they apply to the Internet  - hands on experience with networking protocols and analysis techniques  - how the Internet or DC are connected in general  - up-to-date research issues (e.g., Data Center, Internet measurement)				
	Prerequisite		None				
	Materials/Textbooks		Course materials will be given in class				
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	Materials/T Attend		Course materi	als will be given i		%	
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	Attend	ance ment	10 %	Qu	niz m Exam		
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Evaluation	Attend Assign Present	ance ment ation	10 % 20 % %	Qu Mid-terr Final	n Exam Exam pation	20 % 40 %	
Evaluation	Attend Assign Present	ance ment ration roject	10 % 20 % %	Qu Mid-terr Final Partici	n Exam Exam pation	20 % 40 % 10 %	
Evaluation	Attend Assign Present Group P	ance ment ration roject	10 % 20 % %	Qu Mid-tern Final Particip Evaluation Item	n Exam Exam pation	20 % 40 % 10 % Ratio	
Evaluation	Attend Assign Present Group P	ance ment ration roject	10 % 20 % % Midterm (Take	Qu Mid-tern Final Particip Evaluation Item	m Exam Exam pation nt)	20 % 40 % 10 % Ratio	
Evaluation	Attend Assign Present Group P	ance ment ration roject	10 % 20 % % Midterm (Take Final Exam Introduction to	Que Mid-terri Final Particip Evaluation Item Home Assignme	m Exam Exam pation  nt)	20 % 40 % 10 % Ratio 20 % 40 %	
	Attend Assign Present Group P	ance ment ration Project	10 % 20 % % % Midterm (Take Final Exam Introduction to	Qu Mid-terr Final   Particip Evaluation Item Home Assignme	m Exam Exam pation  nt)  ol, layering nternet architecture	20 % 40 % 10 % Ratio 20 % 40 %	
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	Day 4	Congestion control mechanism
	Day 1	Networking layer: Internet Protocol I
Week	Day 2	Networking layer: Internet Protocol II
3	Day 3	Internet routing algorithms
	Day 4	Research topics overview (paper review)
	Day 1	Data Link layer: Multiple access protocol
Week	Day 2	Data Link layer: Ethernet
4	Day 3	Final Exam
	Day 4	Graduation (NO class)