



HANYANG UNIVERSITY

Hanyang International Summer School

Faculty Information	Name	HOSUNG, JO					
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	Home University	Hanyang University (Seoul)					
	Department	Innovation Center For Engineering Education (공학교육혁신센터)					
	Homepage	-					
Course Information	Class No.	18072	Course Code	GEN1031	Credits	3	
	Course Name	Creative Computing for Engineering student(Python)					
	Lecture Schedule	Mon-Thu /16:00~20:00					
	Course Description	<ul style="list-style-type: none"> - For engineering students, computer programming skill can be very helpful. - Giving experience and opportunities to efficiently implement creative ideas through programming. - Learning the strengths of the Python language and learn how to effectively solve various problems based on it. 					
	Course Objective	<ul style="list-style-type: none"> - Learn computational thinking - Enhance your understanding of computers and computer programming - Providing experience and learning skills in computer programming 					
	Prerequisite	-					
	Materials/Textbooks	-					
Evaluation	Attendance	10%	Quiz	0%			
	Assignment	15%	Mid-term Exam	30%			
	Presentation	0%	Final Exam	40%			
	Group Project	0%	Participation	5%			
	Etc.	Evaluation Item			Ratio		
		-			0%		
Daily Lecture Plan	Week 1	Day 1	Opening Ceremony				
		Day 2	Class introduction. expressions, input and output				
		Day 3	operators				
		Day 4	if statement				
	Week	Day 1	while statement (1)				



	2	Day 2	while statement (2)
		Day 3	Programming Practices
		Day 4	Mid-Term test
	Week 3	Day 1	Lists
		Day 2	For loops
		Day 3	Functions (1)
		Day 4	Functions (2)
	Week 4	Day 1	FILE I/O
		Day 2	Sorting algorithms (1)
		Day 3	Sorting algorithms (2)
		Day 4	Final test