

SYLLABUS (Spring 2023)

Classification	Graduate School	Course No.	AI5002	Hrs:E:Credits	1/4/3	Instructor	Kim, Jongwon	Lecture Language	English/Korean
Course Title	Korean	창의자율프로젝트							
	English	Creative and Self-motivating Project							
Course Outline	In this lecture, participating students will be divided into multiple teams (i.e., groups) to perform AI-leveraged self-motivating projects. Open-topic projects will be selectively designed among involved supervisors, students, and additional mentors (from internal/external collaboration institutes and companies). Also, implementation and evaluation efforts will be followed for the selected projects by integrating collective team intelligence and best-practice techniques.								
Prerequisite	Intermediate-level knowledge on AI/ML techniques + Basic knowledge on Computer Networking								
Textbook & References	Lecture slides & StartMOOC								
Lecture method	- Combination of Lectures and Discussions - Offline - Grading: S/U								
Week	Description (Lectures & Discussion)					Remarks	*On-line/Off-line		
1st (2/28, 3/3)	Course Introduction		Self-study & Recap (STAR-MOOC AI기반 클라우드를 위한 컴퓨터시스템 이론과 실습)				Offline		
2nd (3/7, 3/10)							Offline		
3rd (3/14, 3/17)	Project Team Building		Special Lecture & Training (MobileX Training)			HeeSuk Kim (산학교수)	Offline		
4th (3/21, 3/24)							Offline		
5th (3/28, 3/31)	DNA for AI+X: Part 1		Project Exploration (Early intention & Intention)				Offline		
6th (4/4, 4/7)							Offline		
7th (4/11, 4/14)	Project Plan & Refinement		Special Lectures (AI System)			Moon Lee (산학교수)	Offline		
8th (4/18, 4/21)							Offline		
9th (4/25, 4/28)	Recap: Computer Networking & Service Oriented Computing		Project Progress #1				Offline		
10th (5/2, 5/5)							Offline		
11th (5/9, 5/12)	DNA for AI+X: Part 2		Mentoring Weeks			TBD	Offline		
12th (5/16, 5/19)							Offline		
13th (5/23, 5/26)			Project Progress #2				Offline		
14th (5/30, 6/2)							Offline		
15th (6/6, 6/9)	Makeup		Project Final & Refinement				Offline		
16th (6/13, 6/16)							Offline		

* Combination of Lectures and Discussions are subject to change

Instructor JongWon Kim (seal)