Course No.	430.710	Lecture No.	003	Course Title	Intelligent Robots and Applications	Credit	3

Representative Instructor	Name: Lee Beom-Hee (post : Professor)	Homepage : http://risl.snu.ac.kr
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	Interview Time/Place : Tue 10:00 ~ 11:00 / ASRI 133-308	

Purpose of Course	This course is provided for students who have already taken robotics related courses in undergraduate course. The main topic includes the principles and the most updated research results in intelligent robotics. In particular, robot sensing and robot vision related topics will be taught together with multi-robot problems from the selected papers from IEEE. The most updated videos will be provided during the class. All students are required to present their assigned papers during the class in the intelligent robotics area.

Materials and Reference	Robotics, K.S.Fu, R.C.Gonzales, and C.S.G. Lee Selected papers and videos from IEEE

Evaluation Method		Seminar	Mid-term	Final	Attitude	Others	Total
		20 %	30 %	50 %	%	%	100 %
	Remark of Others	Robotics related courses are prerequisite for taking this course.					

Prerequisite Course	Introducction to robotics

Lecture Plan	Week	Topic
	1	Introduction to Intelligent Robot
	2	Robot Sensing I
	3	Robot Sensing II

	4	Low Level Vision I
	5	Low Level Vision II
	6	Low Level Vision III
	7	Mid Term Exam and High Level Vision I
	8	High Level Vision II
	9	Selected papers on Multi-Robot Systems I
	10	Selected papers on Multi-Robot Systems II
	11	Selected papers seminar I
	12	Selected papers seminar II
	13	Selected papers seminar III
	14	Selected Video presentations from IEEE
	15	Final Exam and Closing