Syllabus of Spring Semester, 2017

Course Title	Multimedia System Design	Course Code		EB69521	Section	001
Department	Electronics Engineering	Level		All	Credit - Theory - Practice	3.0 - 3.0 - 0.0
Class Hours & Classroom	Mon. 14:00-17:00 108-9401					
Lecturer	KIM,JAE-HO	Office			Office Hours	월 2:00-4:00pm
		Telephone		010-4042-2450	E-mail	jhkim@pusan.ac.kr
Methodology of Instruction	Lecture 50%, Presentation of assignment 50%					
Evaluation and Grading	Quiz and Eman 50%, Presentation 50% * Students with disabilities can request an extension of the exam hour, and they can take exams by getting writing assistance or by using a computer.					
Prerequisites	Digital Signal Processoing, Computer Architecture, L:ogic Design, Digital System Design					
Course Objectives	Develop the design capability of Multimedia System Large and real-time processing is needed in the Video and Audio signal processing system					
Course Description	CMOS/CCD imaging Sensor, Sensor signal processing Video coding system, Image processing DSP, audo signal processing Networking system, PC image processing * Students with disabilities can negotiate with the Disabled Student's Academic Support Center regarding course materials and assignments.					
Textbooks and References						
Required Textbooks						
References						

Weekly Schedule of Classes		
Week No.	Course Material	Assignments and Other Notes
Week 1	[Orientation and Education on Academic Misbehavior(e.g. Cheating, Plagiarism) and Safety Education on Experiment and Practice] Multimedia System and Applications 1	
Week 2	Multimedia System and Applications 2	
Week 3	CMOS and CCD sensor 1	
Week 4	CMOS and CCD sensor 2	
Week 5	Sensor Signal Processing 1	
Week 6	Sensor Signal Processing 2	
Week 7	Sensor Signal Processing 3	
Week 8	Mid Term Exam	
Week 9	Understanding and Design of TI OMAP-L1x - 1	
Week10	Understanding and Design of TI OMAP-L1x - 2	
Week11	Understanding and Design of TI OMAP-L1x - 3	
Week12	Understanding and Design of TI OMAP-L1x - 4	
Week13	Presentation of Design	
Week14	Feedback	
Week15	Final Exam	
Week16		
Attachment		