

Curriculum

Classification		Subject No.	Code	Subject Name	Lecture:Lab: Credit (Homework)	Instructor	Semester	Remark
Mandatory General Course		CC010	11.010	Special Lecture on Leadership	1:0:0		Spring, Fall	
		CC020	11.020	Ethics and Safety	IAU		Spring, Fall	
		CC511	11.511	Probability and Statistics	2:3:3		Spring, Fall	
		CC513	11.513	Engineering Economy and Cost Analysis	3:0:3		Fall	
		CC522	11.522	Introduction to Instruments	2:3:3		Fall	
		CC530	11.530	Entrepreneurship and Business Strategies	3:0:3		Spring	
Mandatory Major Course		SEP701	79.701	Software Development Project (1)	1:15:6(20)	Advisor	Spring	
		SEP702	79.702	Software Development Project (2)	1:15:6(20)	Advisor	Fall	
Elective Course	Elective Mandatory (at least 2 courses)	SEP521	79.521	Principles of Software Engineering	3:1:3(5)	Jongmoon Baik	Spring	*CS550
		SEP541	79.541	Information Systems for e-Business	3:0:3(6)	Myoung Ho Kim	Summer	
		SEP561	79.561	Embedded Computing	2:3:3(6)	Seungryoul Maeng	Spring	
		SEP562	79.562	Embedded System Software	3:0:3(6)	Seungryoul Maeng	Spring	
		SEP581	79.581	Project Management and Professional Practice	3:0:3(5)	staff	Fall	
		SEP582	79.582	IT Organization and Leadership	3:0:3(5)	staff	Fall	
		SEP583	79.583	Software Industry and Ecosystem	3:0:3(5)	staff	Fall	
	Elective	SEP501	79.501	Computing System Overview	3:0:3(6)	Seungryoul Maeng	Spring	*IE652
		SEP502	79.502	Software System Overview	3:0:3(6)	Jin Hyung Kim, Yoon Joon Lee, Taisook Han	Spring	
		SEP522	79.522	Requirements Engineering	3:1:3(5)	staff	Summer or Fall	
		SEP523	79.523	Software Design	3:1:3(8)	Sungwon Kang	Fall	
		SEP524	79.524	Software Quality Assurance	3:1:3(6)	staff	Fall	
		SEP525	79.525	Software Process	3:0:3(6)	Doo Hwan Bae, SangYoon Min	Summer or Fall	
		SEP526	79.526	Software Product Line Engineering	3:1:3(8)	Sungwon Kang	Fall	
		SEP527	79.527	Mobile Software Development	3:0:3(6)	staff	Spring	
		SEP531	79.531	Information Retrieval	3:1:3(6)	staff	Fall	
		SEP532	79.532	Machine Learning and Data Mining	3:1:3(6)	staff	Fall	
		SEP533	79.533	Representation of Knowledge and Semantics	3:1:3(6)	staff	Fall	
		SEP542	79.542	Enterprise System Integration	3:0:3(8)	Yoon Joon Lee	Fall	
		SEP543	79.543	Computing Security	3:0:3(3)	Hyunsoo Yoon	Spring	
		SEP544	79.544	Internet Service and Infra	3:0:3(10)	June-hwa Song	Fall	
		SEP545	79.545	Database Design	3:1:3(6)	staff	Fall	
		SEP547	79.547	IT Service Engineering	3:0:3(6)	Yoon Joon Lee, Byoung Kyu Choi	Spring	
		SEP564	79.564	Embedded Operating System	3:0:3(6)	Insik Shin	Fall	
		SEP565	79.565	Mobile Software	3:0:3(6)	staff	Fall	
		SEP567	79.567	Digital Broadcasting and Understanding the Home Network	3:0:3(6)	staff	Fall	
		SEP584	79.584	Management of Software Business	3:0:3(6)	staff	Summer	
		Research		SEP965	79.965	Independent Study in M.S.	0:6:1	
		SEP966	79.966	Seminar	1:0:1	Advisor	Spring, Fall	

※ Note: * stands for substitutable courses