

강 의 계 획 서

2014학년도 제1학기

교과목명	소프트웨어공학	학수번호	COM403-02
이수구분	전공	학 점	3

담 당 교 수		담 당 조 교	
이 름	조영석	이 름	김성우
연구실	770-2241	연구실	770-2522
e-메일		e-메일	
전화번호		전화번호	
상담시간	Tue, Thu, 15:00-16:00	상담시간	Tue, Thu, 16:00-17:00

강 의 개 요	<p>Basically, students are required to understand the concept of software and development processes. Motivation for software engineering, historical issues, and the necessity of the study of software engineering will be discussed briefly. Main subject of this class consists of a variety of development methodology and paradigm, phases of development processes, software maintainability, and new paradigms and issues i.e., design patterns and frameworks. Students will carry out a team project of 3-4 members in order to graft the theory studied in the class on the real implementation.</p>
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강 의 목 표 및 학습성과	강 의 목 표
	It is very critical to apply a software engineering methodology when software is developed. Especially when a large scale software is developed, processes suggested by each paradigm must be employed for a successful achievement.
	However, in reality, the processes are completely or partly ignored. That may lead to a catastrophic failure or, at least, the deterioration of software quality and productivity. So, students must learn and understand the methodologies of software engineering.

강의 방법	Fundamental development methodologies and processes will be discussed in the class. Projects will be carried out by groups of 3 to 4 students for practical training and the implementation skills. The topic of the project is closely related to the class material. Presentation sessions will be given during the class time period. Motivation for the choice of a specific model must be presented and discussed during the presentation.
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성적 평가	출석	중간고사	기말고사	과제물	Project	기타2	기타3	기타4
	10%	30%	30%	10%	20%			
	기타5	기타6	기타7	기타8	기타9	기타10	기타11	기타12

수강 요건	Application and Implementation of a Programming Language
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	강의구성 구분	비 율
강의 구조	강의	70
	실험실습	20
	토론발표	10

	과제명	제출일자	제출방법
과제	교재 요약○○○○○○○○○○	매주 강의 시간○○○○	자필로 적성한 요약 원본○○○○○
	Project○○○○○○○○○○	to be announced○○○○	to be announced○○○○○

	구분	교재명	저자	출판사	출판년도	지정도서
교재 및 참고서적	주교재	Software Engineering, 소프트웨어공학○○○○	Pressman, 조 영석 외 역 ○○○○○	한산○○○○○	2012	지정
	부교재	Software Engineering 강의자료○○○○	조영석	N/A	2013	

주별 강의 일정

주	강 의 내 용	수업활동유형
1	Introduction	강의+토론
2	Software Processes	강의+토론
3	Software Processes	강의+토론
4	Software Processes	강의+토론
5	Project Planning	강의+토론
6	Software Requirements	강의+토론
7	Software Requirements	강의+토론
8	Software Requirements	강의+토론
9	Software Requirements Midterm Exam	강의+시험
10	Design	강의+토론
11	Design	강의+토론
12	Development	강의+토론
13	Verification and Validation	강의+토론
14	Testing and Debugging	강의+토론
15	Project Management	강의+토론
16	Project Management Final Exam	강의+시험