

## 강 의 계 획 서

교과목 정 보	교과목명	데이터 구조론		수업년도(학기)	2015년 2학기	
		<input type="checkbox"/> 2학점	<input checked="" type="checkbox"/> 3학점			
	소 속	공학대학 전자공학부			성 명	남해운
	강의요일				강의시간	
	강의장소					
교과목 개 요	This course introduces basic fundamentals of data structures and algorithm with computer programming languages. The basic of C++ Computer languages and some important concepts in computer software are also covered. Accompanying homework assignments along with some programming projects will help students understand the theory with some hands-on experience. Lecture attendance is absolutely mandatory.					
수업목표	Students who have successfully completed this course are expected to learn the following topics. . Basic of C++ computer language . Software programming . Stacks and Queues . Vectors and trees . Sorting algorithms . Linked list and arrays . Hashing and search algorithms					
교 재	교재명		저자		출판사	
	Fundamentals of Data Structures		Ellis Horowitz		Silicon Press	
평가방법	중간(%)	기말(%)	출석(%)	과제(%)	수업참여도(%)	기타(%)
	25	25	15	25	10	

주 강 계 별 의 획	주차	Contents	Exam & 과제
	Week 1	Course introduction	
	Week 2	Basic C++ Programming	
	Week 3	Basic C++ Programming	
	Week 4	Object-oriented design	
	Week 5	Arrays	
	Week 6	Arrays	
	Week 7	Stacks and queues	
	Week 8	Mid-term exam	
	Week 9	Stacks and queues	
	Week 10	Linked list	
	Week 11	Trees	
	Week 12	Graphs	
	Week 13	Sorting	
	Week 14	Sorting	
	Week 15	Search	
	Week 16	Final exam	