

## 시스템관리

강의년도	2015
강의학기	1학기
강의목표	This course will focus on learning about various topics related to the enterprise system management and/or maintenance. To understand what is really happening in the field, we will have a number of invited speakers, who are working in the system administration field.
강의진행방법	face to face meeting; PPT-based presentation; invited lectures
성적평가방법	
상당가능시간	Wed 10:00 - 12:00

## 주별 강의계획서

주	주제	강의내용
1	Introduction to the course	Description on how the course will be structured and the students evaluated
2	IT Infrastrcture architecture	Description on various methods to establish IT infrastructure Introducing various IT infrastructure platforms
3	Windows Administration	Windows Server 2008 Process, Service, Event Monitoring Automatizing administrative tasks, policies, and procedures
4	Unix Administration	installing Unix systems Administrating files systems, process, backuo & restore
5	Linux Administration	Installing Linux systems using Editors Administrating linux server kernel and system
6	Network administration	networking and data communication LAN, MAN, WAN Network architecture IP address VLAN Routing Ethernet
7	Server/Network security	TCP/IP network network services hacking and violation cases OS weakness and danger privacy
8	Midterm Exam	
9	Virtualization	VMware vSphere: install, configure, manage
10	Advanced server/network security	TCP/IP packet analysis firewall log analysis intrusion detection
11	Cloud infrastucture and services	virtual data center cloud infrastructure core elements and service operating strategy
12	Cloud infrastructure planning and design	VDC environment and cloud services
13	Big data analysis and use	data analysis cycle data mining
14	Management issues in system administration	Communication with the management and the system users
15	Final exam review	
16	Final Exam	