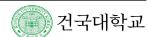
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	Unix System Programm Communication, Conci					Kay A. Robbins and Steven Robb		Prent	ice Hall	
	System Programming						Mingyu Lim			
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	In this class, students learn the concept of a UNIX/LINUX system, interface, and programming, and so on. This class also provides practical programming experiences based on the usage of various system resources such as a file, process, thread, network, and I/O.									
	This course introduces the basic concepts in UNIX operating system kernel and teaches students how to do programming on the system software level using the kernel.									
This course is proceeded with lectures given by the instructor. System Programming conceunity unit are explained with real example codes. Some homeworks are given to students for be understanding of contents. There are comprehensive mid-term and final exam.										



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				PAGE	
1	08/27~09/02	Introduction	Introduce major ideas and thems in computer systems	1-20	
2	09/03~09/09	Programs, Processes and Threads	Learn about programs, processes and threads Experiment with memory allocation and manipulation	21 - 57	
3	09/10~09/16	Processes in UNIX	Leaen how to create processes Experiment with fork and exec	83~111	
4	09/17~09/23	UNIX I/O	Learn the basics of device- independent I/O Experiment with read and write	91 - 132	
5	09/24~09/30	Files and Directories	Learn about file systems and directories Experiment woth directory traversal	145 - 172	
6	10/01~10/07	Files and Directories	Use functions for accessing directories Understand hard links and symbolic links	173 - 180	
7	10/08~10/14	UNIX Special Files	Learn about interprecess communication Experiment with client-server interactions	183 - 218	
8	10/15~10/21	Mid-term Exam	Mid-term Exam		
9	10/22~10/28	UNIX Special Files	Use device control to set parameters Understand how UNIX achieves device independence	219 - 223	
10	10/29~11/04	Times and timers	Learn how time is represented	301 - 339	
11	11/05~11/11	POSIX Threads	Learn basic thread concepts experiment woth POSIX thread calls	409 - 446	
12	11/12~11/18	POSIX IPC	Learn about classical interprocess communication experiment with synchronized shared memory	511 - 548	
13	11/19~11/25	Connection - Oriented Communication	Learn about connection-oriented communication	609 - 656	
14	11/26~12/02	Connectionless Communication and Multicast	Learn about connectionless communication	691 - 724	
15	12/03~12/09	Connectionless Communication and Multicast	Experiment with sockets and UDP	725 - 732	
16	12/10~12/16	Final exam	Final exam		

