Security Systems

CATHOLIC UNIVERSITY OF KOREA

Course Syllabus

2014학년도 제2학기

Course Title	Korean	보안시스템			
	English	Security Systems			
Course Number-Division	04863-01	Course Completion Requirement	제1전공선택	Time/Credits	3/3
Day / Time	화6(V205), 목 5~6(V205)	Course Target Audience		Prerequisite Courses	
Professor	Full Name	Office	Phone Number	E-MAIL	
	바실리	D447	0221644523	bassvasys@hotmail.com	
Web Site			English Class	A형	

1.Course Outline

Introduction to Information security. History of the security related techniques. Modern information security techniques and schemes. Problems and solutions.

2. Objectives

Study basis of the Information security. Understanding existing problems and solutions.

3. Teaching Method

Beam projector, presentation, discussion.

4. Evaluation Method

Attendance 10%, assignments 30%, Middle Exam 30%, Final exam 30%

5. Assignments

Several assignments, discussion.

6. Experiment, Practical Exercise

7. Related Courses

8. Textbook

Book Title	Publisher	Author	Year	Textbook or not

9. Detailed Weekly Activities

Week	Date	Lecture Content	Reference Material	Remarks
1	2014-09-01 ~ 2014-09-07	Introduction		
2	2014-09-08 ~ 2014-09-14	Information and protection		
3	2014-09-15 ~ 2014-09-21	Different paradigms in information security		
4	2014-09-22 ~ 2014-09-28	Mathematic background I		
5	2014-09-29 ~ 2014-10-05	Symmetric key cryptosystems Part I		
6	2014-10-06 ~ 2014-10-12	Symmetric key cryptosystems Part II		

Week	Date	Lecture Content	Reference Material	Remarks
7	2014-10-13 ~ 2014-10-19	Symmetric key based digital signature.		
8	2014-10-20 ~ 2014-10-26	Middle Exam		
9	2014-10-27 ~ 2014-11-02	Mathematic background II		
10	2014-11-03 ~ 2014-11-09	Asymmetric key cryptosystems Part I		
11	2014-11-10 ~ 2014-11-16	Asymmetric key cryptosystems Part II		
12	2014-11-17 ~ 2014-11-23	Asymmetric key based digital signature.		
13	2014-11-24 ~ 2014-11-30	Digital cash.		
14	2014-12-01 ~ 2014-12-07	Protocols Part I		
15	2014-12-08 ~ 2014-12-14	Protocols Part II		
16	2014-12-15 ~ 2014-12-21	Final exam		