Class Plan Inquiry

UCH1115-01 (Spring Semester, 2015)

연세대학교 YONSEI UNIVERSITY

Initial registration date	2015-02-04 17:28:23	Last modified date	2015-03-12 13:52:41
Course Title	C programming	Credits	3
Lecture room	604	Lecture time	Wed 5,6 (Fri 5, 6)

Professor in charge	Go Sang Gi	Professor in charge	College of Engineering
Lab	Computer Science Lab.	Contact	
E-mail and office hour	narame7@gmail.com		

Course Target	All Majors
Course Objectives and Overview	Understand the basic concepts and procedures of computer programming tasks Students will learn concepts, grammars, and algorithms, and develop their ability to implement applications.
Prerequisite (Prerequisite Learning)	No prerequisite Basic Computer Skills Required
Course operation method	2-hour lecture 2-hour training
Grading Method	Attendance: 10% Interim test: 35% Final Exam: 35% Programming assignment: 20%
Textbooks and References	Computer Programming Starting with C, Ho-Suk Moon, Myung-Ho Son, Hanbit Media (2012) C Programming, Kang Dong-jin and 4 others, Hanbit Media (2012)
Professor Information	Go Sang Gi (narame7@gmail.com)
TA Information	TBD
Summary	N / A

week	term	Class contents	Textbook Range, Assignment	Remarks

1	2015-03-02 2015-03-08	Computer and Programming -Learn components and computer systems -Explore data expression method, -Study the computer programing language and its development process		(3.2) Start (3.4 ~ 3.6) Course Registration and Change
2	2015-03-09 2015-03-15	C programming basics -Examine the basic structure and characteristics of C -See, understand the concepts of constants and variables, , basic programming elements that make up the C language		
3	2015-03-16 2015-03-22	Variables and Data Types -Learn how to write constants and variables in the C language -The basic data types provided by C -Understand usage and data type conversion.		
4	2015-03-23 2015-03-29	I / O and preprocessing -I/O, the basic communication method of programming -Understand output, standard in C -Learn how to use I / O functions. -Understand the meaning of the preprocessor, -Understand the definition and function of indicators and learn how to use them.	Assignment 1	
5	2015-03-30 2015-04-05	Operator Arithmetic as the primary operator of programming; -Learn how to use relational, arithmetic, logical, increment, bit, conditional operations Understand the law of conversion between data types.		(4.1 ~ 4.3) Leave a Course
6	2015-04-06 2015-04-12	Control flow (conditional statement) -If, else, switch, etc. that define the control flow -How to define conditional control syntax -Understand the example.		(4.8) 1/3 of semester
7	2015-04-13 2015-04-19	Control flow (loop) -While, for, do, etc. that define the control flow -To define and use the iterative control syntax -Understand the example.	Assignment 2	(4.16 ~ 4.22) Interim Test
8	2015-04-20 2015-04-26	Midterm		(4.16 ~ 4.22) Interim Test

9	2015-04-27 2015-05-03	Function -How to define and call functions, and parameters Understand the definition, range rules and return values		
10	2015-05-04 2015-05-10	Function -Learn the characteristics of recursive functions and how to write them -By understanding the calling method by value, learn how to define and use functions	Assignment 3	(5.5) Children's Day (5.9) Foundation Day
11	2015-05-11 2015-05-17	Array -Learn the concept of arrays, how to declare and initialize them -Learn how to use an array as a function argument -Learn how to use multidimensional array to store and process strings -Learn character array and string standard input		(5.15) Semester 2/3
12	2015-05-18 2015-05-24	Scope and lifetime of variables -Understand the concept of local, external and global variables Understand their validity range, Understand the life cycle of static / external variables.		
13	2015-05-25 2015-05-31	String -Understand and utilize the relationship between strings and arrays and learn how to use them with various examples	Assignment 4	(5.25) Buddha's Birthday
14	2015-06-01 2015-06-07	Structures, Unions, and Enums How to use structures, unions, and enumerations Understand the structure of the function and learn how to use it.		(6.6) Memorial Day
15	2015-06-08 2015-06-14	File I / O Understand the concept of files and C Functions of I / O Functions in provided files Understand the input and output examples. in different environments	Assignment 5	(6.8 ~ 6.20) Self-Learning and Final Exam
16	2015-06-15 2015-06-21	Final Exam		(6.8 ~ 6.20) Self-Learning and Final Exam