

Class Plan Inquiry

✚ UCH1115-01 (Spring Semester, 2015)



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|---------------------------|---------------------|--------------------|---------------------|
| 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) |

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| Professor in charge | Go Sang Gi | Professor in charge | College of Engineering |
| Lab | Computer Science Lab. | Contact | |
| e-mail and interview time | naram7@gmail.com | | |

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| 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 (naram7@gmail.com) |
| TA Information | TBD |
| Summary | N / A |

| week | term | Class contents | Textbook Range, Assignment | Remarks |
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| 1 | 2015-03-02 2015-03-08 | Computer and Programming -Learn components and computer systems -Explore data expression method, -Study the computer programming 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 |

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| 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 |