**CSE204 자료구조**

**Lecturer**

Seong-Bae Park (박성배) E-mail: sbpark71 AT khu DOT ac DOT kr

**Lectures and Lab**

Tuesday and Thursday 13:00 ~ 14:50

Tuesday and Thursday 15:00 ~ 16:50

**Teaching Assistant**

- 권성구 (sgkwon@khu.ac.kr)

- 임연수 (dladustn95@khu.ac.kr)

**Course Objectives**

* Study fundamental concepts of data structures such as array, list, stack, queue, tree, sort, and search.
* Understand how to implement the concepts through labs and homework.
* Obtain the least programming skills necessary for studying other courses of the computer engineering major and for industry practice.

**Textbook**

# Nell Dale, *C++ Plus Data Structures*, 5th Ed., Jones & Bartlett Learning, 2011.

**Grading**

* Mid-Term Exam: 35%
* Final-Term Exam: 35%
* Lab, Quiz, Homework: 20%
* Attendance: 10%

Note: If you miss more than one-third of classes, F will be graded.

**Schedule**

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| **Week** | **Date** | **Course** |
| 01 | 03/02 (Tue) | Orientation, Software Engineering Principle, Data Design and Implementation |
| 01 | 03/04 (Thu) | LAB01 |
| 02 | 03/09 (Tue) | APP01, UnSorted List& Sorted List Ⅰ |
| 02 | 03/11 (Thu) | LAB02 |
| 03 | 03/16 (Tue) | APP02, UnSorted List& Sorted List ⅠⅠ |
| 03 | 03/18 (Thu) | LAB03 |
| 04 | 03/23 (Tue) | APP03, Stack |
| 04 | 03/25 (Thu) | LAB 4 |
| 05 | 03/30 (Tue) | APP04, Queue |
| 05 | 04/01 (Thu) | LAB05 |
| 06 | 04/06 (Tue) | APP05, Linked List |
| 06 | 04/08 (Thu) | LAB06 |
| 07 | 04/13 (Tue) | APP06, List PLUS |
| 07 | 04/15 (Thu) | LAB07 |
| 08 | 04/20 (Tue) | Mid-Term Exam 1 |
| 08 | 04/22 (Thu) | Mid-Term Exam 2, Programming with Recursion |
| 09 | 04/27 (Tue) | LAB 08, |
| 09 | 04/29 (Thu) | APP 07, Binary Search Tree |
| 10 | 05/04 (Tue) | LAB 09 |
| 10 | 05/06 (Thu) | APP08, Priority Queue, Heaps, Graphs, and Sets Ⅰ |
| 11 | 05/11 (Tue) | LAB 10 |
| 11 | 05/13 (Thu) | APP09, Priority Queue, Heaps, Graphs, and Sets ⅠⅠ |
| 12 | 05/18 (Tue) | No Class |
| 12 | 05/20 (Thu) | LAB 11 |
| 13 | 05/25 (Tue) | APP10, Sorting and Searching 1 |
| 13 | 05/27 (Thu) | LAB 12 |
| 14 | 06/01 (Tue) | APP11, Sorting and Searching ⅠⅠ |
| 14 | 06/03 (Thu) | LAB 13 |
| 15 | 06/08 (Tue) | APP 12 |
| 15 | 06/10 (Thu) | Review, Q&A |
| 16 | 06/15 (Tue) | Final-Term Exam 1 |
| 16 | 06/17 (Thu) | Final-Term Exam 2 |

실내이(가) 표시된 사진

자동 생성된 설명