



Data Structures 2024

Textbook:

Michael Main & Walter Savitch,

*Data Structures and Other
Objects Using C++*

(3rd edition),

Addison Wesley, 2005

or

(4th edition),

Pearson, 2011

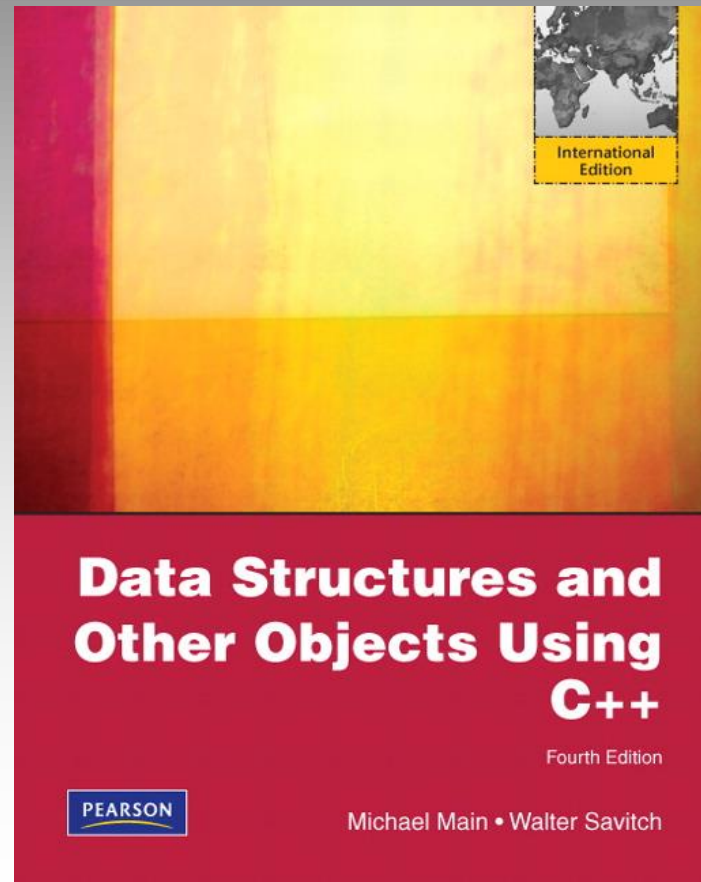
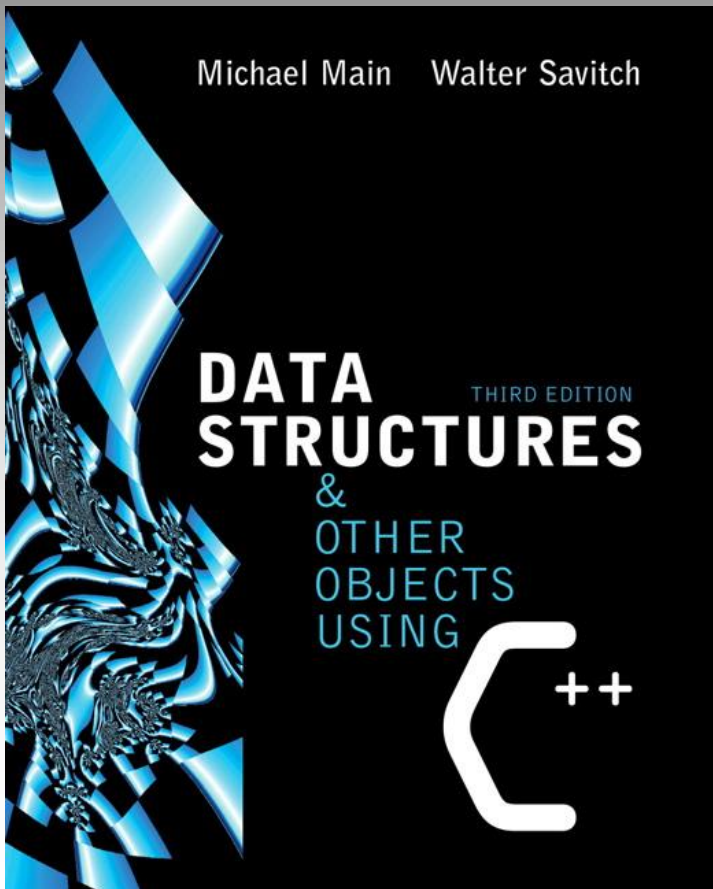
About \$30 ~ \$153 at Amazon





Data Structures

Textbook: URL - <https://www.cs.colorado.edu/~main/dsoc.html>





Data Structures



Instructor:

Name: Yong-Hyuk Kim

Location: Sae-Bit B/D 605

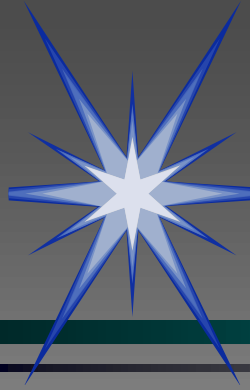
Tel: 02) 940-5212

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Data Structures



**Student Comments at
Previous Lectures**

Click [here](#) (from 2012 to 2018)

Data Structures

Anonymous bulletin board

□ “강의 학습톡톡” in KLAS

[Home](#) 강의 학습톡톡 x

🔍 조회 + 신규 삭제

강의 학습톡톡

조회조건

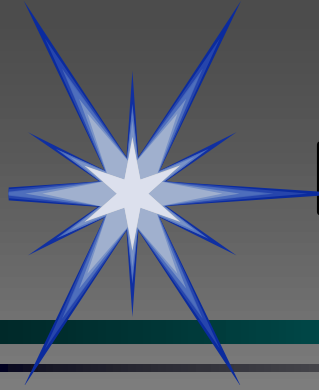
학부 ▼ 2024년도 2학기 ▼ 자료구조(02) [소프트웨어학부] ▼

오픈설정

☒ Open ☐ Close 자동경신 ☐ 10초 ☒ 30초 ☐ 1분 새로고침

※ 메시지의 전체 내용이 보이지 않을 경우 해당 메시지를 더블클릭하면 전체 내용을 확인할 수 있습니다.

	메시지	등록일시	답변

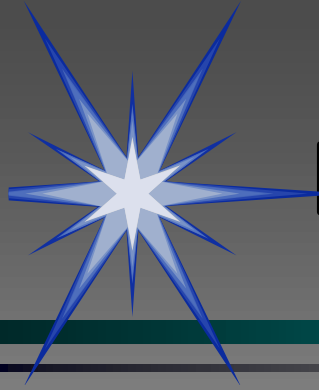


Data Structures



50% English class

Almost all class materials are given in English



Data Structures



Grading:

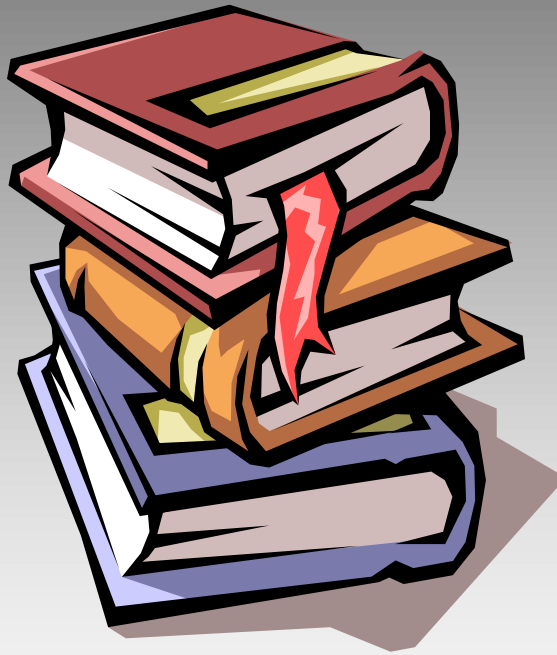
Mid-term Exam (in English)	: 30%
Final Exam (in English)	: 30%
Assignments (3 times)	: 25%
Quiz (in English, sometimes)	: 5%
Attendance	: 10%

Prerequisite:

C++ Programming



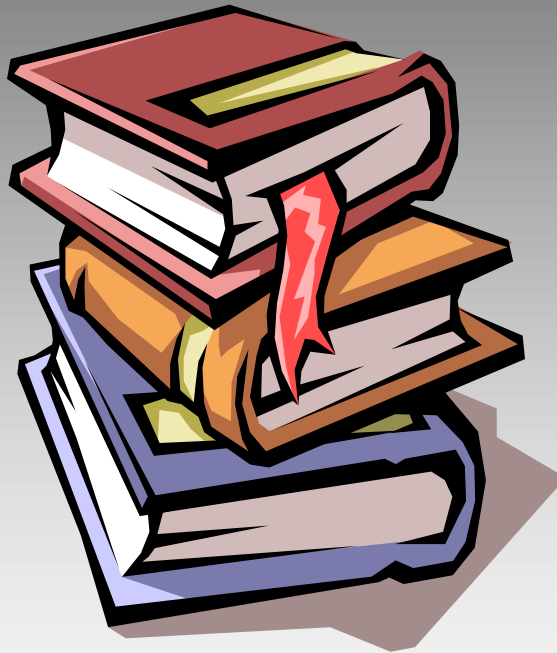
Data Structures



Contents:

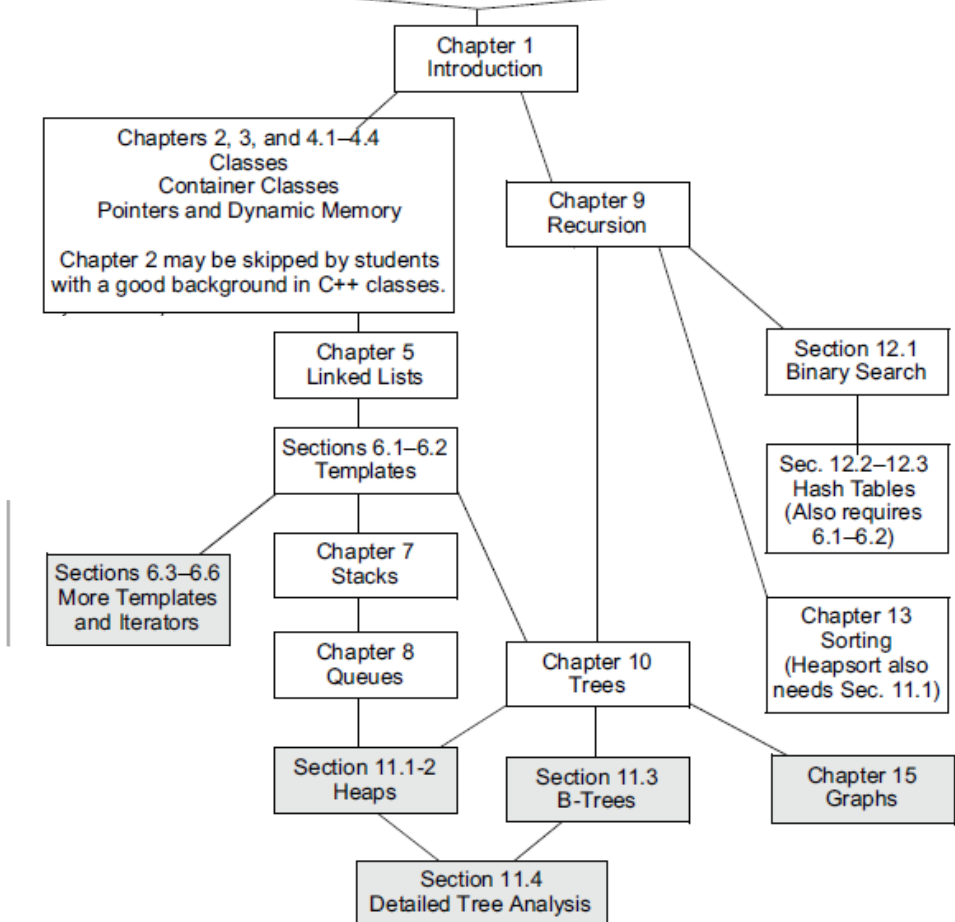
- Container Classes
- Pointers and Dynamic Arrays
- Linked Lists
- Templates and Iterators
- Stacks
- Queues
- Trees
- Hash Tables
- Graphs
- Searching and Sorting

Data Structures



Chapter Dependencies

At the start of the course, students should be comfortable writing functions and using arrays in C++ or C. Those who have used only C should read Appendix F and pay particular attention to the discussion of reference parameters in Section 2.4.



The shaded boxes provide good opportunities for advanced work.

Data Structures

You should:

- read the book or class materials before you come to the class
- do your homework assignments by yourself

