광운대학교
KwangWoon University

Data Structures

Concepts and Design

Syllabus

School of Computer and Information Engineering
Prof. Ki-Hoon Lee

Data Science Laboratory

Assistant : 이종학(micky1996@naver.com)

Instructor

- Professor: 이기훈
  - Email: kihoonlee@kw.ac.kr
  - Tel: 940-8674
  - Office: 새빛관 905호

- Assistant: 이종학
  - Email: micky1996@naver.com
  - Office: 새빛관 909호
  - 과제 질문은 조교에게 우선적으로 연락

Brief Description

- This course is the first course in data structures for low-level under-graduate students majoring in computer engineering and computer-related areas.

- Covering the most important data structures and the related algorithms

- Addressing both concepts and object-oriented design issues

- Pre-requisite: Competency in both structured and object-oriented programming skills in C and C++

Course Requirements

- Textbook
  - Ellis Horowitz, 『Fundamentals of Data Structures in C++, 2nd Edition』, Silicon Press

- Class slides
  - klas.kw.ac.kr

- References
  - Any C++ books of your preference

- Exams
  - Midterm and Final

- Three Programing Assignments
  - Getting 0 points for two assignments= Failure
  - Copying or cheating in any assignment means 0 points.

Data Science Laboratory

Grading Policies

- Exams: 50%
  - Midterm: 25%
  - Final: 25%

- Programming Assignments: 40%
  - Project #1: 10%
  - Project #2: 15%
  - Project #3: 15%

- Attendance: 10%
  - Absent for 1/4 of the total class = Failure
  - 2 Lates = 1 Absence
  - Seniors
    - You must notify me in advance for waivers of your job interviews, job seminars, etc.
    - No free grades for employment or job training