

Algorithms

(Spring 2019)

- Kunsoo Park (880-8381, kpark@snu.ac.kr)
- Tue, Thu 11:00 – 12:15
- Room: 301-203
- Texts:
 1. Byung-Ro Moon, Algorithms Made Easy, 2018
 2. Cormen, Leiserson, Rivest, and Stein, Introduction to Algorithms, 3rd ed., MIT Press, 2009.
- Topics:
 1. Foundations: Correctness, Complexity Analysis
 2. Sorting
 3. Data Structures
 4. Design Techniques: Dynamic Programming, Greedy Algorithms
 5. Graph Algorithms
 6. String Matching
 7. NP-Completeness
- Grading: Exams (Midterm, Final), Homeworks, Class Participation
 - The total points for each exam will be around 120. There are 5 points for an exam preparation sheet.
 - The total points for each homework will be around 50. After the due date, there are -3 points per day for one week. After one week, homeworks are not accepted. (If there is a copy, both parties will get 0 for that homework.)
 - 3 points for each attendance. 3 points for each bonus.
 - Those who retake this course will get maximum A-.