Analysis of Algorithms (COT4400), Section 2

Monday and Wednesday, 12:30–1:45, CHE 102

Textbook: T. H. Cormen, C. E. Leiserson, and R. L. Rivest, *Introduction to algorithms*
Web page: http://www.csee.usf.edu/∼eugene/algs/

Instructor: Eugene Fink
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Exams

There will be two midterm exams and a final exam:

Exam #1	February 16 (Wednesday), 12:35–1:45
Exam #2	March 29 (Wednesday), 12:35–1:45
Final Exam	May 3 (Wednesday), 1:00–3:00

Homeworks

Homeworks will usually be assigned every week; in addition, the course will involve three or four small programming projects. Each homework and project is due in the beginning of the class meeting (that is, at 12:30pm) on the due date; late submissions will get fewer points:

less than 24 hours past the deadline	grade is reduced by 25%
24 to 48 hours past the deadline	grade is reduced by 50%
more than 48 hours past the deadline	too late!

Grading scheme

Exam #1	15%	80–100	A
Exam #2	15%	65–79.99	B
Final Exam	30%	50–64.99	C
Homeworks	25%	0–49.99	F
Projects	15%		

Tentative course outline

Mathematical foundations (Section 2.1 and Chapter 4)
Sorting (Chapters 7–9)
Data structures (Section 11.1, Chapter 13, and Chapter 22)
Graph algorithms (Chapters 23–25)
Dynamic programming (Chapter 16)
Greedy algorithms (Chapter 17)
String matching (Chapter 34)
NP-completeness (Chapter 36)