

# Analysis of Algorithms (COT 4400)

Monday and Wednesday, 2:00–3:15, CPR 127

## Textbook:

T. H. Cormen, C. E. Leiserson, R. L. Rivest, and C. Stein,  
*Introduction to algorithms*

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## Exams

Exam 1          February 12 (Wednesday), 2:05–3:15

Exam 2          March 26 (Wednesday), 2:05–3:15

Final Exam    April 23 (Wednesday), 2:05–3:15

## Homeworks

Each homework is due in the beginning of the class meeting (that is, at 2:00pm) on the due date. If a homework is submitted after this deadline, it 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	20%	90–100	A+	65–74.99	B
Exam 2	20%	85–89.99	A	50–64.99	C
Final Exam	50%	80–84.99	A–	0–49.99	F
Homeworks	10%	75–79.99	B+		

## Tentative course outline

Topic	First Edition	Second Edition
Math foundations	Chapters 2 and 4	Chapters 3 and 4
Sorting	Chapters 7–9	Chapters 6–8
Data structures	Chapters 13 and 22	Chapters 12 and 21
Graph algorithms	Chapters 23 and 24	Chapters 22 and 23
Greedy algorithms	Chapter 17	Chapter 16
Dynamic programming	Chapter 16	Chapter 15
NP-completeness	Chapter 36	Chapter 34