

# Algorithms (COT 6405)

**Monday and Wednesday, 11:00–12:15, ENB 110**

**Textbook:**

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

**Web page:** [www.csee.usf.edu/~eugene/ta/](http://www.csee.usf.edu/~eugene/ta/)

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**Exams**

There will be a midterm exam and a final exam:

Midterm      October 16 (Wednesday), 11:05–12:15

Final Exam    December 4 (Wednesday), 11:05–12:15

**Homeworks**

Each homework is due in the beginning of the class meeting (that is, at 11:00am) 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**

Midterm	40%	90–100	A+	65–74.99	B
Final Exam	50%	85–89.99	A	50–64.99	C
Homeworks	10%	80–84.99	A–	0–49.99	F
		75–79.99	B+		

**Tentative course outline**

Mathematical foundations (Chapters 2–4)

Sorting (Chapters 6–8)

Binary search trees (Chapters 12 and 13)

Graph algorithms (Chapters 22–24)

String matching (Chapter 32)

NP-completeness (Chapter 34)