Algorithms (COT6405)

Tuesday and Thursday, 9:30–10:45, ENB 113

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

Instructor: Eugene Fink
Office: ENB 312
Office hours: Tuesday and Wednesday 2:00–3:00, Thursday 11:00–12:00
E-mail: eugene@csee.usf.edu
Phone: 974-4757

Teaching assistant: Krishna Sitaraman
Office: ENB 327
Office hours: Monday and Thursday 1:00–2:00
E-mail: sitarama@csee.usf.edu

Exams

There will be a midterm and final exam:

Midterm	October 12 (Thursday), 9:35–10:45
Final Exam	December 14 (Thursday), 10:30–12:30

Homeworks

Homeworks will usually be assigned every week. Each homework is due in the beginning of the class meeting (that is, at 9:30am) 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

Homeworks	40%
Midterm	20%
Final Exam	40%

90–100	A+	75–79.99	B+	60–64.99	C+
85–89.99	A	70–74.99	B	55–59.99	C
80–84.99	A–	65–69.99	B–	50–54.99	C–
				0–49.99	F

Tentative course outline

Mathematical foundations
Sorting and order statistics
Data structures
Graph algorithms
Dynamic programming
Greedy algorithms
Matrix operations
String matching
NP-completeness