

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%	90–100	A+	75–79.99	B+	60–64.99	C+
Midterm	20%	85–89.99	A	70–74.99	B	55–59.99	C
Final Exam	40%	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