

Automata Theory (COT 4210)

Tuesday and Thursday, 2:00–3:15, LIF 261

Textbook: Peter Linz, *An introduction to formal languages and automata*, Third edition

Web page: www.csee.usf.edu/~eugene/auto

Instructor: Eugene Fink

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Exams

There will be two midterms and a final exam:

Exam #1 September 27 (Thursday), 2:05–3:15

Exam #2 November 1 (Thursday), 2:05–3:15

Final Exam December 6 (Thursday), 2:05–3:15

Homeworks

Homeworks will usually be assigned every week. 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 2:00pm, 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	25%	90–100	A+	65–74.99	B
Exam #2	25%	85–89.99	A	50–64.99	C
Final Exam	40%	80–84.99	A–	0–49.99	F
Homeworks	10%	75–79.99	B+		

Tentative course outline

Basic concepts (Chapter 1)

Finite automata (Chapter 2)

Regular languages (Chapters 3 and 4)

Context-free languages (Chapters 5 and 6)

Pushdown automata (Chapter 7)

Turing machines (Chapter 9)