Automata Theory (COT 4210)

Tuesday and Thursday, 11:00–12:15, ENG 4

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	February 7 (Thursday), 11:05–12:15
Exam #2	March 21 (Thursday), 11:05–12:15
Final Exam	April 25 (Thursday), 11:05–12:15

Homeworks

Homeworks will usually be assigned every week. 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 11:00am, 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)