

CSCE 531 Spring 2018 Schedule

Class	Date	Day	Topic	Readings	Assignments
1	16-Jan	Tue	Overview	Chapters 1 & 2	
2	18-Jan	Thu	Simple recursive descent compiler	Chapter 2	Overview HW
3	23-Jan	Tue	Lexical Analysis: Regular Expressions	3.1-3.5	
4	25-Jan	Thu	Regular Expressions to NFA	3.6 & 3.7.4	Rewregular Expressions
5	30-Jan	Tue	NFA to DFA	3.7-3.8	
6	1-Feb	Thu	Top Down Parsing: CFG,	4.1-4.4	NFA to DFA, minimization
7	6-Feb	Tue	Predictive Parsing: LL(1)	4.4-	
8	8-Feb	Thu	BottomUp Parsing: LR(0)	4.5-4.6	Project - Flex lexical analyzer & parsing HW
9	13-Feb	Tue	LR parsing-Bison	4.6-	
10	15-Feb	Thu	LR1-Sets of Items	4.7-	Project - Bison Grammar 1
11	20-Feb	Tue	Using Ambiguous grammars	4.8-	
12	22-Feb	Thu	Test 1		
13	27-Feb	Tue	LR/LALR Table construction	4.9-	
14	1-Mar	Thu	Intermediate Code Generation	5.2 & 6.1	Project - Bison Arithmetic Expressions
15	6-Mar	Tue	Semantic Actions	6.1-6.5	
16	8-Mar	Thu	Booleans	6.6-	Project - Bison Boolean Expressions
	9-Mar	Fri	Last Day to withdraw with "W"		
	13-Mar	Tue	Mar 11-18, Sun-Sun Spring break		
	15-Mar	Thu	Mar 11-18, Sun-Sun Spring break		
17	20-Mar	Tue	Control Flow	6.7-	
18	22-Mar	Thu	Control Flow II -	6.7-6.9	Project - Bison Control Flow
19	27-Mar	Tue	Run Time	7.1-7.5	
20	29-Mar	Thu	Procedures	6.9-6.11	Project - Bison run time
21	3-Apr	Tue	Nested Scope		
22	5-Apr	Thu	Types & offsets		
23	10-Apr	Tue	Review		
24	12-Apr	Thu	Test 2		
25	17-Apr	Tue	Code generation	8.1-8.3	
26	19-Apr	Thu	Code generation II		Project - Code generation
27	24-Apr	Tue	Basic Blocks	8.4-	
28	26-Apr	Thu	Optimizations	8.5-	
	30-Apr	Mon	Last Day of classes		
	1-May	Tue	Reading Day		
	8-May	Tue	Exam - 12:30 AM		
	15-Jan	Mon	Martin Luther King Day		
	9-Mar	Fri	Last Day to withdraw with "W"		
	11-Mar	Sun	Mar 11-18, Sun-Sun Spring break		
	1-May	Tue	Reading Day		