

LECTURE, READING, AND DUE-DATE SCHEDULE

The following is a *tentative* schedule. Dates and topics are subject to change with appropriate notice.

WEEK	DATE	LECTURE TOPIC	READING	MILESTONE DUE
1	30 March 1 April 3 April	Introduction & ANTLR Primer Organization & ASTs ASTs	B 5	 1 (Benchmarks)
2	6 April 8 April 10 April	IR ILOC & SSA Code Shape	A 7	 2 (Front-end)
3	13 April 15 April 17 April	Code Shape Code Shape Activation Records	 6.3.2	
4	20 April 22 April 24 April	Instruction Selection Instruction Selection & Sparc Register Allocation	11 web 13	 3 (CFG & ILOC)
5	27 April 29 April 1 May	Register Allocation Instruction Scheduling Instruction Scheduling	 12	
6	4 May 6 May 8 May	Optimization Introduction Optimization Introduction Optimization Introduction	 8	
7	11 May 13 May 15 May	Optimization Introduction Data-Flow Analysis Data-Flow Analysis	 9 (except 9.3)	4 (Code Generation)
8	18 May 20 May 22 May	Data-Flow Analysis Scalar Optimizations Scalar Optimizations	 10	
9	25 May 27 May 29 May	Memorial Day Scalar Optimizations SSA	 9.3	5 (Optimization One)
10	1 June 3 June 5 June	**** Exam **** Extended Lab Extended Lab		**** Exam **** 6 (Optimization Two)
11	10 June	**** Paper Due — 11:59 pm Wednesday ****		Final Code Submission