

LECTURE, READING, AND DUE-DATE SCHEDULE

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

WEEK	DATE	LECTURE TOPIC	DUE
1	30 March 1 April 3 April	<i>Spring Break Extension</i> <i>Spring Break Extension</i> <i>Spring Break Extension</i>	
2	6 April 8 April 10 April	Overview AST & Visitors Static Type-Checking	(Complete group member quiz.)
3	13 April 15 April 17 April	Control Flow Graphs LLVM Overview Instruction Selection	Milestone 1 (Static Typechecking)
4	20 April 22 April 24 April	Instruction Selection Static Single-Assignment Static Single-Assignment	
5	27 April 29 April 1 May	Assembly Overview <i>Milestone Demonstrations</i> Assembly Overview & Out-of-SSA	Milestone 2 (CFG & Stack-based IR)
6	4 May 6 May 8 May	Data-Flow Analysis Introduction Register Allocation <i>Milestone Demonstrations</i>	Milestone 3 (Register-based IR)
7	11 May 13 May 15 May	Optimizations Introduction Sparse Conditional Constant Propagation Sparse Conditional Constant Propagation	
8	18 May 20 May 22 May	<i>Milestone Demonstrations</i> Useless Code Removal Optimizations	Milestone 4 (Code Generation)
9	25 May 27 May 29 May	Holiday <i>Milestone Demonstrations</i> Optimizations	Milestone 5 (Register Allocation)
10	1 June 3 June 5 June	Optimizations <i>Extended Lab</i> <i>Milestone Demonstrations</i>	Milestone 6 (Optimizations)
11	10 June	Paper & Project Due — 10:00 pm Wednesday	<i>Final Demonstrations</i>