

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 | MILESTONE DUE |
|------|----------------------------------|---|------------------------------|
| 1 | 28 March 30 March 1 April | Introduction ANTLR Primer ASTs | (Handin group member names.) |
| 2 | 4 April 6 April 8 April | IR ILOC Code Shape | |
| 3 | 11 April 13 April 15 April | <i>Extended Lab</i> Code Shape Activation Records | 1 (Front-end) |
| 4 | 18 April 20 April 22 April | Instruction Selection Instruction Selection & Sparc Register Allocation | |
| 5 | 25 April 27 April 29 April | Register Allocation <i>Extended Lab</i> Instruction Scheduling | 2 (CFG & ILOC) |
| 6 | 2 May 4 May 6 May | Optimization Introduction Optimization Introduction Optimization Introduction | |
| 7 | 9 May 11 May 13 May | Optimization Introduction Data-Flow Analysis <i>Extended Lab</i> | 3 (Code Generation) |
| 8 | 16 May 18 May 20 May | Data-Flow Analysis Data-Flow Analysis Scalar Optimizations | |
| 9 | 23 May 25 May 27 May | **** Exam **** <i>Extended Lab</i> <i>Extended Lab</i> | 4 (Optimization One) |
| 10 | 30 May 1 June 3 June | Academic Holiday <i>Extended Lab</i> <i>Extended Lab</i> | 5 (Optimization Two) |
| 11 | 7 June | **** Paper Due — 11:59 pm Wednesday **** | Final Code Submission |