

EECS 583: Advanced Compilers

Winter 2023 Class Schedule (Tentative)

| Week | Date | Topic |
|-------|-----------|---|
| 1 Mon | - | |
| Wed | Jan 4 | Course intro, Control flow analysis, HW #0 out |
| 2 | Jan 9 | Control flow analysis |
| | Jan 11 | Control flow analysis, HW #0 due (nothing to turn in), HW #1 out |
| 3 | Jan 16 | No class, MLK Day |
| | Jan 18 | Control flow analysis |
| 4 | Jan 23 | Dataflow analysis, HW #1 due |
| | Jan 25 | Dataflow analysis, HW #2 out |
| 5 | Jan 30 | SSA form |
| | Feb 1 | Code optimization |
| 6 | Feb 6 | Code optimization |
| | Feb 8 | Code generation |
| 7 | Feb 13 | Code generation |
| | Feb 15 | Code generation, HW #2 due |
| 8 | Feb 20 | Code generation |
| | Feb 22 | Code generation, Advanced Topics (Parallelization) |
| 9 | Feb 27 | No class, Spring Break |
| | Mar 1 | No class, Spring Break |
| 10 | Mar 6 | No regular class - Project proposals |
| | Mar 8 | No regular class - Project proposals |
| 11 | Mar 13 | Midterm Review |
| | Mar 15 | Midterm Exam (Date is Tentative!) |
| 12 | Mar 20 | Research paper presentations |
| | Mar 22 | Research paper presentations |
| 13 | Mar 27 | Research paper presentations |
| | Mar 29 | Research paper presentations |
| 14 | Apr 3 | Research paper presentations |
| | Apr 5 | Research paper presentations |
| 15 | Apr 10 | Research paper presentations |
| | Apr 12 | Research paper presentations |
| 16 | Apr 17 | No regular class – Finish projects |
| | - | |
| | Apr 17-21 | Project demos |

