CmpSci 535 Course Schedule: Reading and Project Stages

Jan 23  Mon  Syllabus, Course Schedule, Project Overview - Intro and history
         Architecture
Jan 25  Wed  Appendix A, Section 1.1-1.3
         Technology
Jan 30  Mon  Section 1.4 - 1.7
         Methodology
Feb  1  Wed  Section 1.8-1.9
Feb  6  Mon  Section 1.10-1.13
         Memory
Feb  8  Wed  Section 2.3, Draft Project Report due
Feb 13  Mon  Section B.1-B.2
         Cache
Feb 15  Wed  Section 2.1-2.2, B.3
Feb 20  Mon  (No class, Holiday)
Feb 22  Wed  First Project Report due in final form
         Pipelining
Feb 27  Mon  Appendix C
         Instruction Level Parallelism and Branch Prediction
Mar  1  Wed  Section 3.1 - 3.5
Mar  6  Mon  Section 3.6-3.11, Memory with cache and timing demo
Mar  8  Wed  Midterm Exam
Mar 13  Mon  (No class, Spring Break)
Mar 15  Wed  (No class, Spring Break)
         Multithreading and Predication
Mar 20  Mon  Section 3.12-3.15
         Virtualization
Mar 22  Wed  Section B.4-B.5
Mar 27  Mon  Simulation with basic instruction set, assembler
Mar 29  Wed  Section 2.4-2.8
         Secondary Storage
Apr  3  Mon  Full ISA demo, debug/GUI interface, benchmarks, baseline and cache
Apr  5  Wed  Section D.1-D.4
         Parallelism
Apr 10  Mon  Section 5.1-5.4
Apr 12  Wed  Section 5.5-5.9
Apr 17  Mon  (No class, Holiday)
Apr 18  Tue  Section G.1-G.4
         Data Parallel
Apr 19  Wed  Section G.5-G.8
Apr 24  Mon  Section 4.1-4.3, Pipeline demo (combined w/baseline and cache)
Apr 26  Wed  Section 4.4-4.8, draft final report due
         Data Centers
May  1  Mon  Section 6.1-6.7
May  4-May 11 Final Exam, Date TBD, Final Project Report Due