

CS 203A Course Syllabus

- **Introduction to computer Architecture, Review of Pipelining and Hazards (Appendix A Text)**
- **Instruction level parallelism, Dynamic scheduling, Branch Prediction and Speculation – Ch 3 Text**
- **ILP with Software Approaches – Ch 4**
- **Memory Hierarchy – Ch 5**
- **VLIW, Multithreading, CMP and Network processor architectures – From papers**

Text: Hennessy and Patterson, Computer Architecture: A Quantitative Approach, Morgan Kaufman Publisher

Prerequisite: CS 161 with a grade C or better

Grading

Grading: Based on Curve

Test1: 30 points

Test 2: 40 points

Project: 30 points