CE6304 - Computer Architecture

CE 6304 (CS 6304 and EEDG 6304) Computer Architecture (3 semester credit hours) Trends in processor, memory, I/O and system design. Techniques for quantitative analysis and evaluation of computer systems to understand and compare alternative design choices in system design. Components in high performance processors and computers: pipelining, instruction level parallelism, memory hierarchies, and input/output. Students will undertake a major computing system analysis and design project. Must have an understanding of C/C++. Prerequisite: CS 3340 or EE 4304. (3-0) Y (2016-02-05 23:56:01)