

Cs 135 Computer Architecture I Digital Logic Circuits

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CS 135. Computer Skills for Problem-Solving. (3 Credits) Using personal computers as effective problem-solving tools, this course will enhance analytical thinking and abstraction skills. Topics include problem specification, problem-solving techniques, and the interpretation of results to problems from scientific, business, and social domains.

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Computer architecture research focuses on designing computer systems optimized for high performance, energy efficiency, and scalability or some combination thereof. This research may focus on many aspects of computer systems including the design of processors, memory systems, GPUs, mobile and embedded devices, big data I/O systems, networks, and large-scale parallel machines.

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