CE4304 - Computer Architecture

CE 4304 Computer Architecture (3 semester credit hours) Introduction to computer organization and
design, including the following topics: CPU performance analysis. Instruction set design, illustrated by the
MIPS instruction set architecture. Systems-level view of computer arithmetic. Design of the datapath and
Multiprocessing. Credit cannot be received for both courses, (CS 3340 or SE 3340 or TE 3340) and (CE 4304
or EE 4304). Prerequisite: CE 3320 or EE 3320. (Same as EE 4304) (3-0) S