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David A. Patterson and John L. Hennessy, Computer Organization and Design: The Hardware/Software Interface , 4th edition (Revised Printing), Elsevier, 2012 Additional references may be cited throughout the semester

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The Basics of Logic Design C.1 Introduction C-3 C.2 Gates, Truth Tables, and Logic Equations C-4 C.3 Combinational Logic C-9 C.4 Using a Hardware Description ... The electronics inside a modern computer are digital. Digital electronics operate with only two voltage levels of interest: a high voltage and a low voltage. All other

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