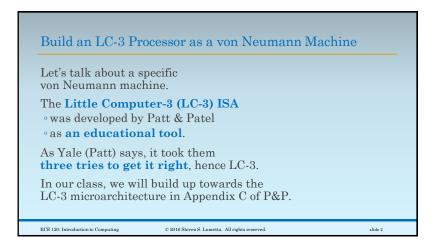
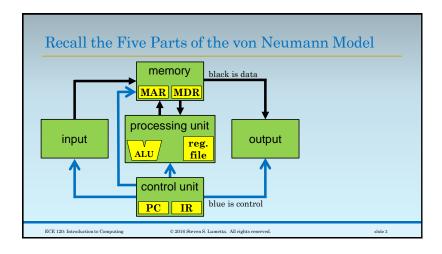
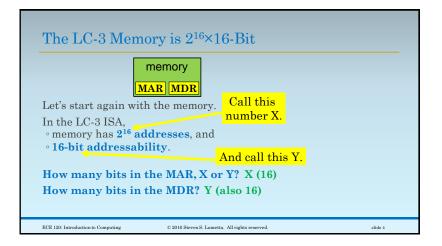
University of Illinois at Urbana-Champaign
Dept. of Electrical and Computer Engineering

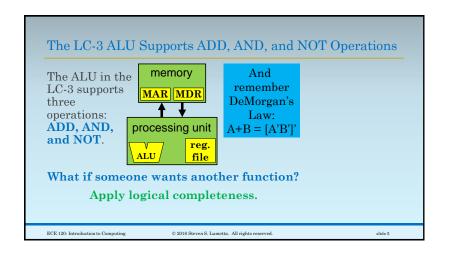
ECE 120: Introduction to Computing

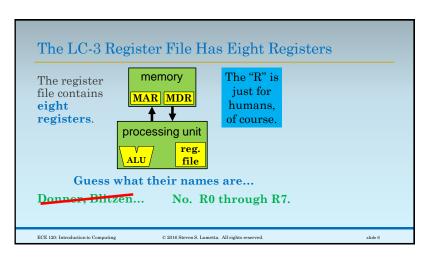
LC-3 as a von Neumann Machine

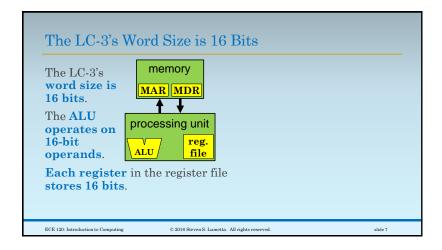


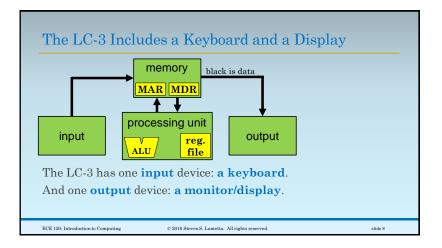












Details of the LC-3 Input Device

keyboard input uses two registers

*Keyboard Status Register (KBSR)
used to handshake when a key arrives

*Keyboard Data Register (KBDR)
used to delivers keystrokes, coded as ASCII

Using these registers is a topic for ECE220
(see Ch. 8-9 of Patt & Patel).

