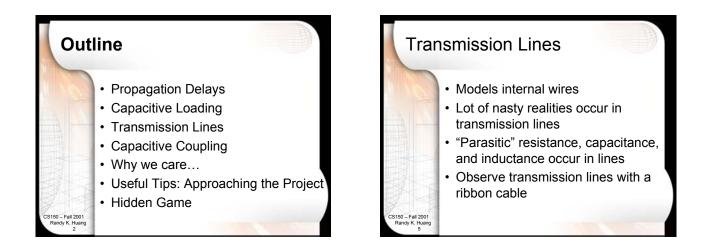
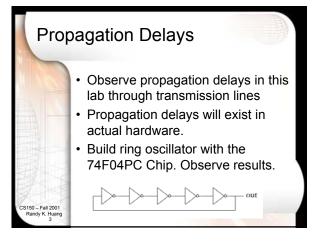
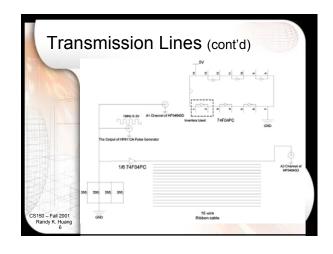
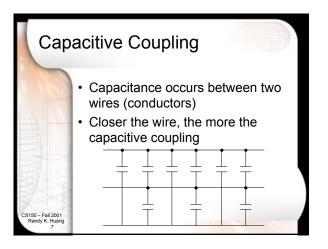


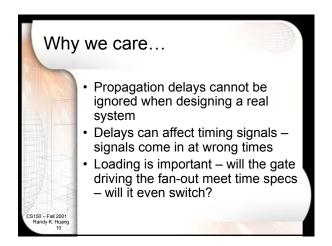
## Capacitive Loading affects propagation delays Fan-out loading increase propagation delay These issues are important in real world design. Simulate these loading by adding extra capacitors to ring oscillator

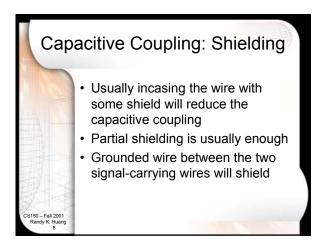


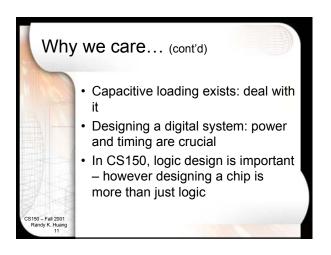


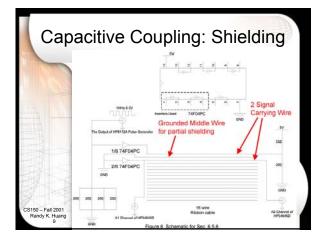


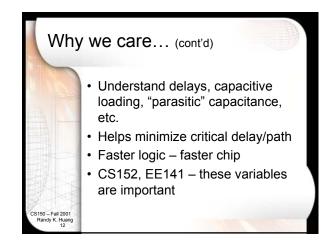












## Approaching the Project Project starts after Lab 6 Several checkpoints will be given Start early – do NOT wait for the last minute Allocate enough time for each checkpoint – never know the problems encountered with hardware

