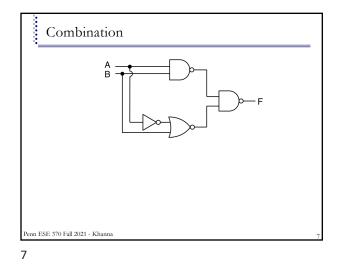
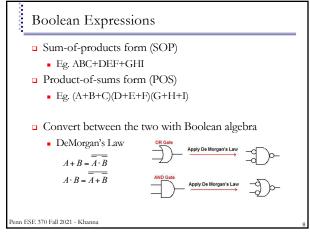
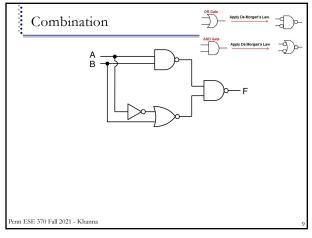


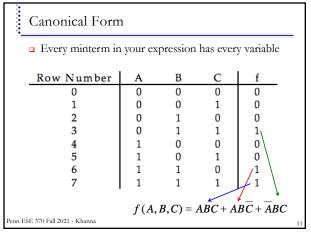
TABLE 2-3 Basic Identities of Boolean Algebra			1	
1.	X + 0 = X	2.	$X \cdot 1 = X$	
3.	X + 1 = 1	4.	$X \cdot 0 = 0$	
5.	X + X = X	6.	$X \cdot X = X$	
7.	$X + \overline{X} = 1$	8.	$X \cdot \overline{X} = 0$	
9.	$\overline{\overline{X}} = X$			
10.	X + Y = Y + X	11.	XY = YX	Commutative
12.	X + (Y + Z) = (X + Y) + Z	13.	X(YZ) = (XY)Z	Associative
14.	X(Y+Z) = XY + XZ		X + YZ = (X + Y)(X + Z)	Distributive
16.	$\overline{X+Y} = \overline{X} \cdot \overline{Y}$	17.	$\overline{X \cdot Y} = \overline{X} + \overline{Y}$	DeMorgan's

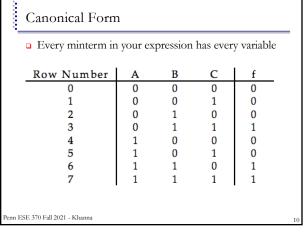




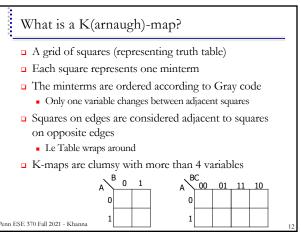




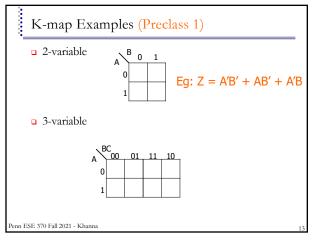


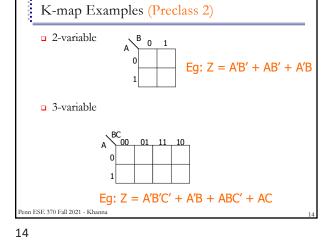




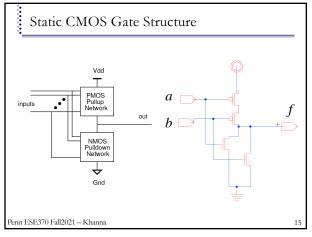




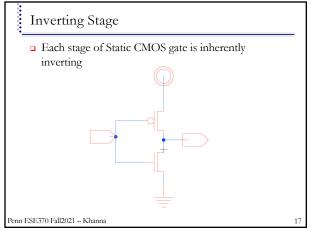


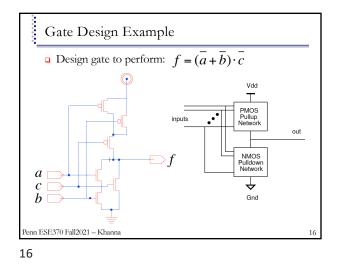


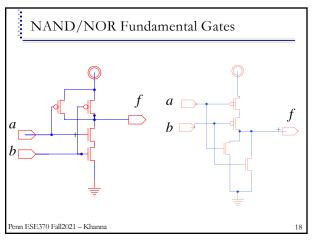




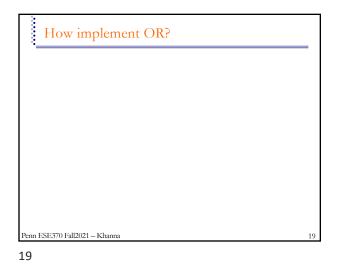


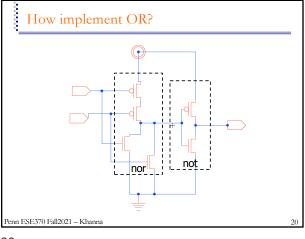


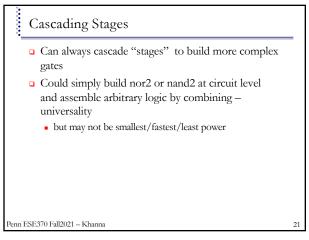


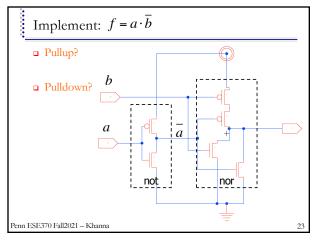


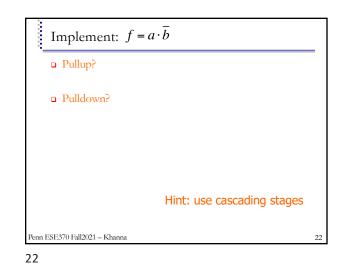


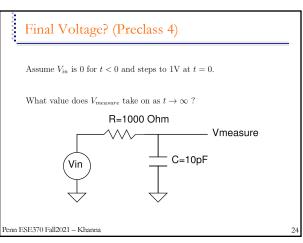


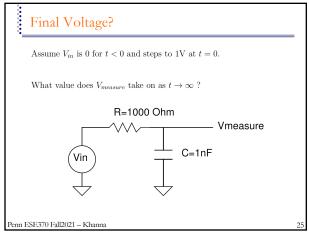


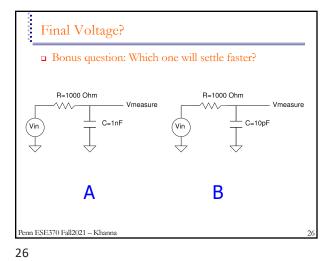


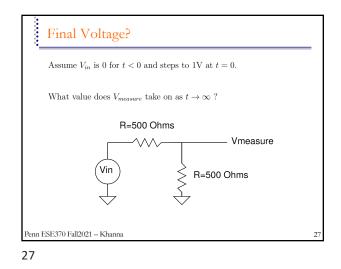


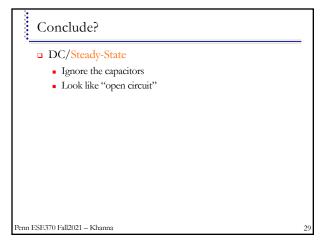


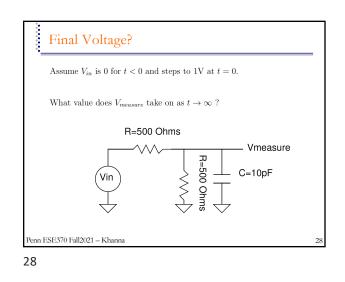


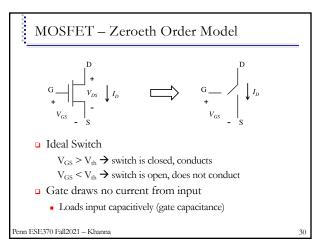




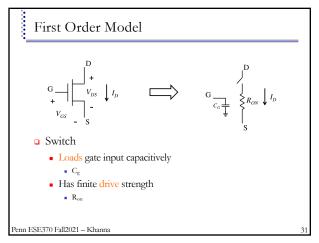




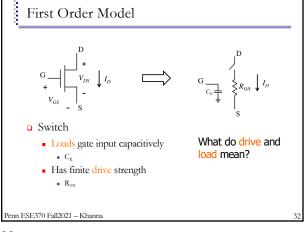


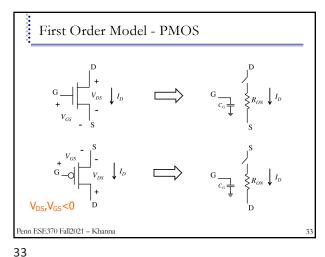




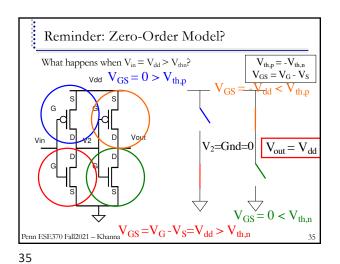


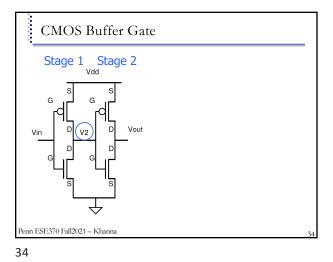


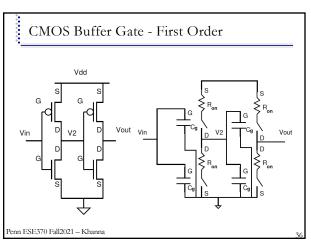




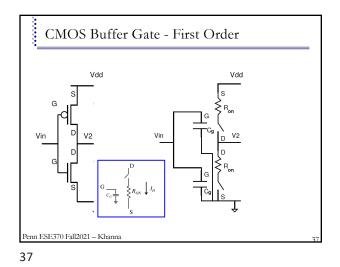


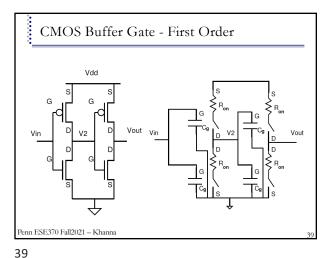




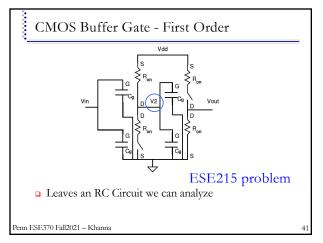


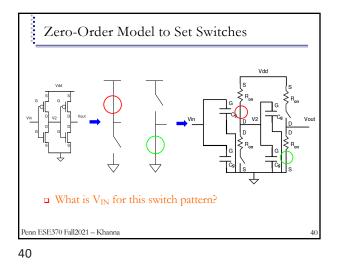


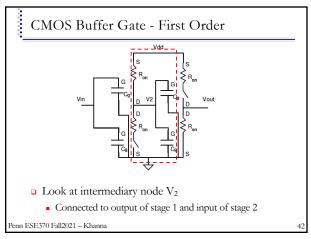




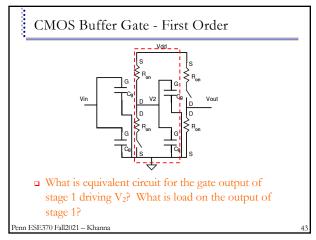




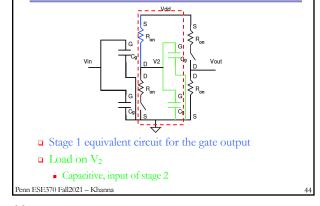












CMOS Buffer Gate - First Order



