

EC GR 2101

9/2/09

$$F = (a \text{ AND } b) \text{ OR } (c \text{ AND } d)$$

$$2^4 = 16$$

a	b	c	d	F
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	1
0	1	0	0	0
0	1	0	1	0
0	1	1	1	1
1	0	0	0	0
1	0	0	1	0
1	0	1	0	0
1	0	1	1	1
1	1	0	0	1
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1

Example of truth table in slide 10