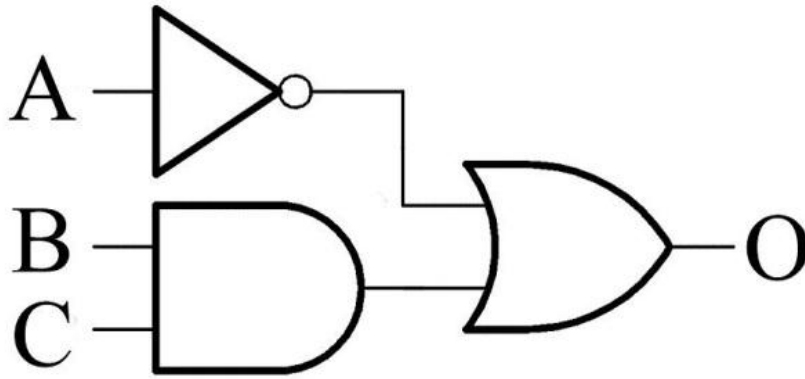


## Introductory Lab

ECEN 220  
Jaehun Lee

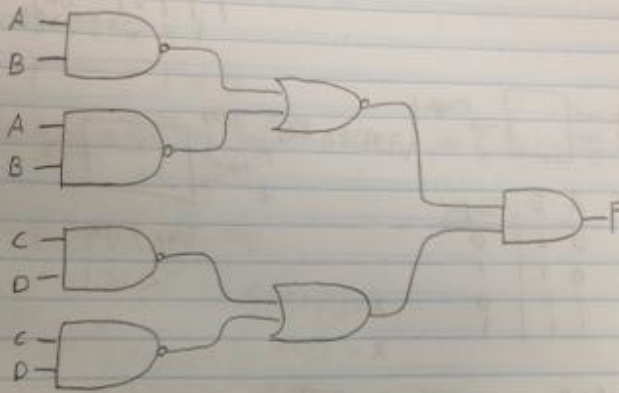


$$F = A' + (B * C)$$

A	B	C	A'	B*C	O
0	0	0	1	0	1
0	0	1	1	0	1
0	1	0	1	0	1
0	1	1	1	1	1
1	0	0	0	0	0
1	0	1	0	0	0
1	1	0	0	0	0
1	1	1	0	1	1

Register 1C144

$$F = ((AB)' + (AB))' \cdot ((CD)' + (CD))'$$



Simplified

$$F = ((AB)' + (AB))' \cdot ((CD)' + (CD))' = (AB) \cdot (CD)'$$

