

EGCI 233 BOM 2022										
IC	Description	Lab 01	Lab 02	Lab 03	Lab 04	Lab 05	Lab 06	Lab 07	Lab 08	Lab 09
7400	Quad 2-input NAND gates	√	√		√	√	√		√	√
7402	Quad 2-input NOR gates	√	√				√			
7404	Hex inverters	√	√	√	√	√			√	
7408	Quad 2-input AND gates	√	√		√	√		√	√	√
7410	Triple 3-input NAND gates		√		√	√				
7411	Triple 3-input AND gates								√	
7420	Dual 4-input NAND gates			√	√	√				
7421	Dual 4-input AND gates				√					
7432	Quad 2-input OR gates	√	√		√	√			√	
7442	BCD to decimal decoder									
7474	Dual D FFs						√	√		√
7476	Dual JK FFs						√	√	√	
7480	Single 1-bit Gated Full Adder									
7483	4-bit Binary Full Adder					√				
7485	4-bit magnitude comparator									
7486	Quad 2-input EX-OR gates	√			√	√				
74138	1 of 8 decoder/demultiplexer									
74147	dec to BCD priority encoder			√						
74148	octal to binary priority encoder									
74151	8-input multiplexer				√					
74266	Quad EX-NOR O/C	√								
ADC080X	8-bit Successive approximation ADC									
ADC0808	8-bit DAC									
	7-segment display			√						
	7-segment decoder			√						
	330 Ω resistor									
4001	Quad 2-input NOR gates	√								
4011	Quad 2-input NAND gates	√								
4071	Quad 2-input OR gates	√								
4081	Quad 2-input AND gates	√								
etc.		R 220 ohm								