

# PROJECT 3: COMBINATIONAL CIRCUITS

## Digital Logic Project Submission Form

Revision: 1/21/22

I am submitting my own work, and I accept that penalties will be assessed against me if I submit work that isn't mine.			<b>Point Scale</b> 4: Exemplary 3: Complete 2: Incomplete 1: Minor effort 0: Not submitted	
_____	_____	_____		
Print Name	Sign Name	Date		

#	Deliverable	Wt	Pts	Date	Asst. Signature
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### Requirements

#### 1: A Five-Way Light Switch

Circuit demo	2				
Verbal questions answered well	2				

#### 2: Design a Majority of Five Circuit

Circuit demo	2				
Verbal questions answered well	2				

#### 3: Design a Temperature Indicator

Circuit demo	3				
Verbal questions answered well	3				

#### 4: Design a Dashboard Indicator Circuit

Circuit demo	3				
Verbal questions answered well	3				

### Challenges

#### 1: Odd LED Controller

Program demo	1				
Verbal questions answered well	1				

#### 2: Odd LED Controller with Add-Ons

Program demo	1				
Verbal questions answered well	1				

### Extensions

#### Describe

Program demo					
Verbal questions answered well					

### Homework Problems

1	Basic K-maps	58			
2	K-maps with don't cares	58			
3	EV K-maps	20			
4	Multiple K-maps	15			