

# Digital Systems Project #1: VGA System

Submission form revision August 8, 2025

# 1

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I am submitting my own work, and I accept that penalties will be assessed against me if I submit work that isn't mine.

## Point Scale

4: Exemplary  
3: Complete  
2: Incomplete  
1: Minor effort  
0: Not submitted

Print Name

Sign Name

Date

Asst. Signature

Requirements			Wt	Pt	Score	Possible	Earned
1. Parameterized counter	2				72	Weeks late: 1 2 3 4+ (Circle as indicated)	
2. Use the clock wizard	2						
3. Use the ILA	2						
4. VGA Sync generator	4						
5. Display a crosshair pattern	4						
6. Display a box	4						
Challenges						Possible	Earned
1. Control background color	3				68		
2. Move crosshair lines	3						
3. Move the box	4						
4. Control the box or crosshair	4						
5. Debounce the inputs	3						