

10 Digital Design Project #10: Arithmetic and Logic Unit

Submission form revision September 5, 2025

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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

Circle one column below and modify earned scores accordingly

Weeks Early / Late	-3	-2	-1	0	1	2	3	4	5+
Requirements Points	+9	+6	+3	0	-3	-6	-9	-12	-15
Challenges Points	+3	+2	+1	0	-1	-2	-3	-4	-4

Requirements

Wt

Pt

Score

Possible

Earned

1. ALU design

4

2. Status Outputs (condition codes)

3

3. Homework problems

2

36

Modify earned scores by submission week according to table above.

Challenges

Possible

Earned

1. Display mux

1

2. Display outputs in decimal

1

8