

ELEC 2210 PRE-LAB COVER PAGE
Complete and attach this page to the front of your pre-lab.

Meeting # 4 Binary Arithmetic Circuits
Title of Lab Experiment

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Name (Last, First, MI)

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AU 7-character username

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Name of your GTA

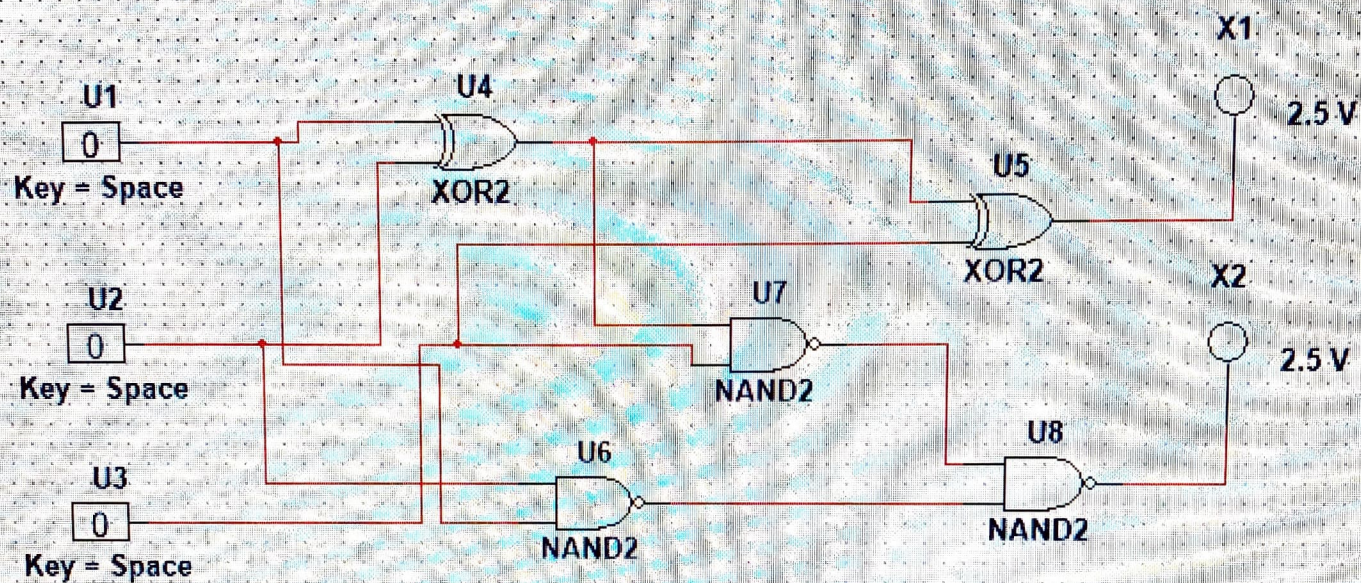
Section you are enrolled in: (Circle One) 1 2 3 4 5 6 7 8

Date pre-lab submitted: (dd / mm / yy): 01/31/21

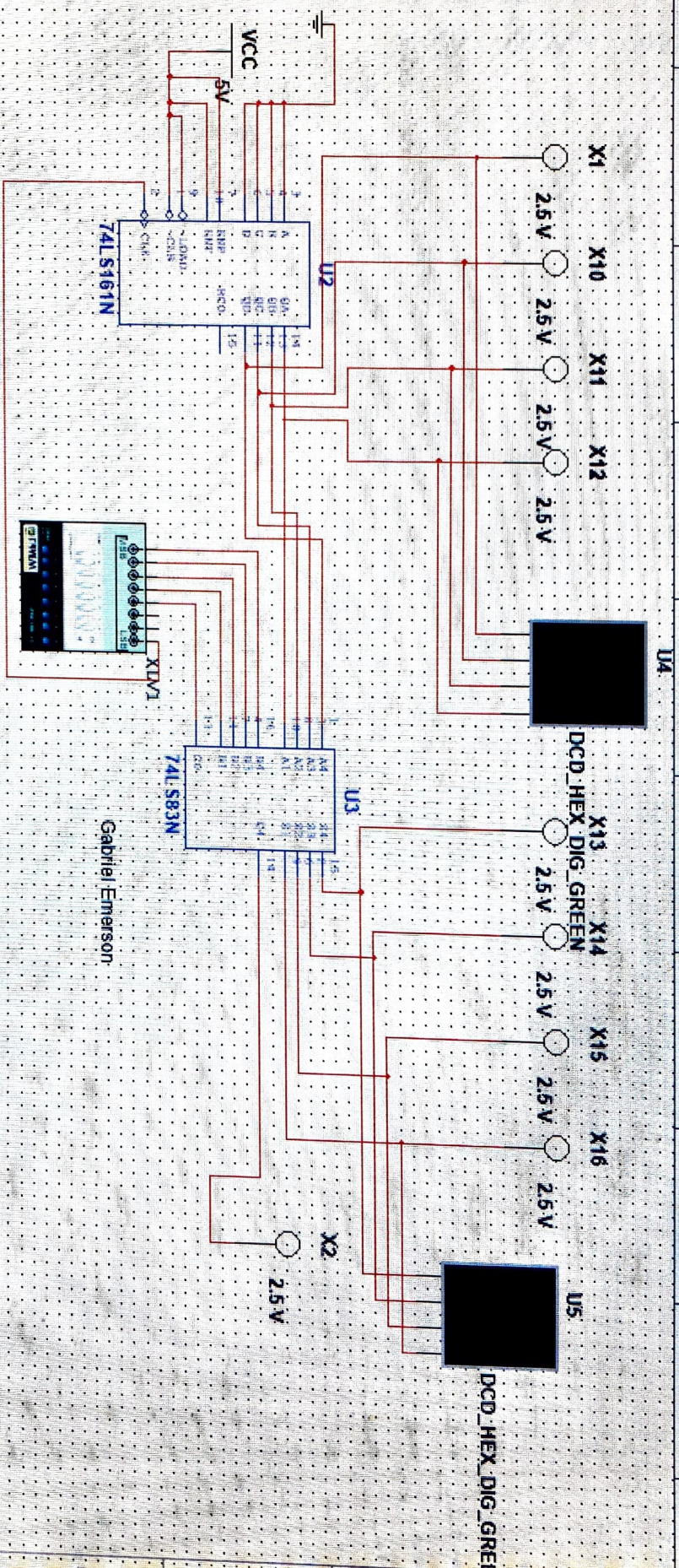
I hereby certify that this pre-lab work was performed and written by me exclusively.


Student signature

1/31/21
Date signed



Gabriel Emerson



Prelab 4

Due 2/2

Truth Table for 1-bit adder

A	B	Cin	Count	S
0	0	0	0	0
0	0	1	0	1
0	1	0	0	1
0	1	1	1	0
1	0	0	0	1
1	0	1	1	0
1	1	0	1	0
1	1	1	1	1

Truth Table 4-bit adder (in Hex)					Calculated Values		Check
A	B	C	Count	S	Count	S	
0	0	0	0	0	0	0	✓
0	0	1	0	1	0	1	✓
1	0	0	0	1	0	1	✓
7	7	1	0	F	0	F	✓
8	7	0	0	F	0	F	✓
8	8	0	1	0	1	0	✓
F	F	0	1	E	1	E	✓
F	F	1	1	F	1	F	✓

Relab 4

