

4

Digital Design Project #4: Combinational Building Blocks

Submission form revision August 8, 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

| Requirements | | | | Wt | Pt | Score | Possible | Earned |
|------------------------|---|--|--|----|---|-------|----------|--------|
| 1. Multiplexor 1 | 2 | | | 48 | Weeks late: 1 2 3 4+ (Circle as indicated) | | | |
| 2. Multiplexor 2 | 2 | | | | | | | |
| 3. Multiplexor 3 | 2 | | | | | | | |
| 4. Decoder | 1 | | | | | | | |
| 5. Encoder | 1 | | | | | | | |
| 6. Shifter | 2 | | | | | | | |
| 6. Homework problems | 2 | | | | | | | |
| Challenges | | | | | | | Possible | Earned |
| 1. 12:1 Multiplexor | 2 | | | 16 | | | | |
| 2. Minterm Multiplexor | 2 | | | | | | | |
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