

MISC Lab 06 Completion

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(https://docs.google.com/document/d/15NcAM0TKocStOsJaR7wdxmcFkM2_EtSN0jmIXhEhnpU/edit?usp=sharing) to create 5 different ladder logic programs.

* Indicates required question

1. Email *

2. Were you able to make a one input toggle? *

10 points

Mark only one oval.

☐ Yes

☐ No

3. Were you able to make a two-bit counter? *

8 points

Mark only one oval.

☐ Yes

☐ No

4. Were you able to make a three-bit counter? *

5 points

Mark only one oval.

☐ Yes

☐ No

5. Upload a screenshot showing your entire ladder logic diagram for the 3-bit counter. * 5 points

Files submitted:

6. Were you able to look at all the parts of a TON timer? * 8 points

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ Other: _____

7. Were you able to look at all the parts of a TOF timer? * 8 points

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ Other: _____

8. Describe why you think understanding how PLCs are programmed will help you understand the cybersecurity implications for industrial control systems. * 6 points

9. Please provide any feedback that can make this lab better.

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