

`Updates and Information

ECE444 Lab 1 Thoughts

- What was good:
 - Lab handout was detailed in terms of instructions and setup.
- What could be improved:
 - What was the point of doing the lab?
 - What is the meaning of the feedback from the code, such as what the information we are receiving means.
 - Talk about it in presentation.
 - Didn't give much background in the prompt

ECE 444 Lab 2 Review:

- We will run through ECE 444 lab 2

Set up times for reviewing presentation

- Tuesday 11/19 @ 2:30pm
- Wednesday? @ 5:30pm

Our Lab reviews

- Lab 1: Going through and communicating with relay
- Lab 2: Using RTAC to communicate with SEL-851
 - Learning outcomes: Serial Protocol, client server approach, controlling device remotely.
- Lab 3: Connect more devices to RTAC and control them. Ex: poll devices, respond to alarms or trip notifications, fix a case in which one device is not polling correctly.
 - Learning outcomes: Communicating over a network, troubleshooting,
- Lab 4:
- Lab 5:

Idea: How could we set up the lab to run a cybersecurity lab?

Issues: Feasibility

Idea: Given a new device that is not currently integrated, set up a system to communicate with the device

Issues:

Idea: Given a connected system, set up the system to accomplish a specific task.

Issues: Risk of harming devices

Idea: Substation monitoring management, example from Joe about missing switches because of baud rate. Pro-Cons of setups

Issues:

Challenges of our labs:

- Learning outcomes and ensuring that they are met
- Not destroying devices
- **Need plenty of background information**
- Prelabs?

Action Items

Brian

- Logbook

Jailong

- Add new documents to the portfolio from the google drive.
- Logbook

Yikai

- Attend Wiki review session at 3:30pm.
- Logbook

Dakota

- Create presentation by next Monday
- Logbook