ICS Bootcamp Structure

* All labs will be assigned either on Monday or Wednesday. Links to instructions will be provided in the PowerPoint slides or via email.
* The CISA / Idaho National Lab certification modules are supplemental items; I do not need proof of their completion.
* Chapter readings will align with each module as best as possible.
* There are no graded items in this course, but you are free to send me your completed labs (when applicable) via email.

**Chapter Readings by Module:**

* Chapter 1
* Chapter 2
* Chapter 3
* Chapter 4, and Wireless PDF Handout
* Chapter 16
* Chapter 8
* Chapter 5
* Chapter 11
* Chapters 6 & 7
* Chapters 12 & 13

**Labs (most labs will include detailed instructions):**

1. Labshock – ensure the application is up and running on your operating system. That’s it. ☺
2. Lab 02 – Labtainer – SoftPLC (includes primer on Modbus). Optional, use OpenPLC in Labshock.
3. Lab 3 – PCAP Analysis (provided by instructor) of Modbus protocol & Grassmarlin (Labtainer)
4. Lab 4 – Wireless Technologies PDF (FIU Testbed)
5. Lab 5 – Raspberry Pi Light Sensor / Then – Make the Raspberry into an IoT Device – Links to instructions provided in Module 05
6. Lab 6 – Risk Assessment Handout
7. Lab 7 – Case Analysis Handout with MITRE
8. Lab 8 – Labshock IDS – scenario designed by instructor
9. Lab 9 – Labshock Pentest Scenario – scenario designed by instructor.
10. Forensics Image (if time permits)

Case Study – Stuxnet & Capture the Flag Event (CTF).

END OF COURSE