

Professor Reddig (09/15/2025 12:45pm – 1:15pm):

- Collect variety of devices to be kind of like an actual IT department.
- Mentioned “active directory” server, a firewall, mail system, etc.
- Potentially secure one or more hubs/switches to be used for security stuff.
- Information Systems (introductory class) will be happening in the Spring.
  - Get a server?
- Work with ITS to ensure network stability/security. Maybe get a dedicated network just for this and not networking.
- Red & blue teams.
- She might buy a server for CS205 and let us use it beforehand. Could be difficult if that class is also supposed to running on this though. It would need to be running Windows Server Evaluation and have an active directory.
  - Various roles each with limited access to specific locations; segmentation.
- This pseudo-company setup is the primary goal, although this might be beyond the scope of what we’re doing, at least initially.

Dr. Wang (09/17/2025 10:17am – 10:27am):

- An area for troubleshooting/earn hands on experience.
- Cybersecurity courses will use this lab.
- Local network, probably separate from the networking class stuff.
- Include Raspberry Pis and IoT devices.
- Definitely separate devices from networking.
- (Find out what software Netizen is planning to have us use.)

Dr. Li (09/17/2025 10:30am – 10:40am):

- Testing zone for cyberdefense.
- Red team & blue team, along with two or more subnets. Emulate enterprise and hackers' networks.
- Mentioned Man-in-the-Middle and DNS Rebinding attacks.
- Supposedly Netizen mentioned internet logging and “Splunk”.
- Look at the Network Security section on SEED (will be used in Network Security).
- Maybe get a wireless network too for mobile and/or IoT devices.
- Mentioned pfSense (didn't get a good look at the name).
- It would be great to have both physical machines and virtual machines.