



EST243 IP for Technicians

The purpose of this course is to provide a foundation for understanding IP (Internet Protocol). It is appropriate for both beginners and individuals looking to formalize and increase their IP networking knowledge base. With the vast majority of subsystems now having the ability to be converged over an IP network, this is arguably the most important topic to make sure that you have a solid foundation in.

At the conclusion of this course, participants should be able to:

- Discuss the advantages and importance of the growth in IP networking
- Explain common network protocols such as TCP, UDP, IP, DHCP, DNS, and NAT
- Select, install, and configure consumer routers for wired environments
- Create and implement IP addressing schemes for connected network devices (computers, AV, lighting control, etc.)
- Create system documentation for IP networks

Recommended prerequisite: EST233 Networking for Technicians