

Computer Networks

- [Computer Network Notes](#)

Lab 1:

- Activation of accounts: University email, eduroam, Microsoft 365
- Join Class in Microsoft Teams

Week 1: Introduction to Computer Networks

- **Lab 1:** Installation of Cisco Packet Tracker
- **Lab 2:** Basic Networking Concepts
 - Overview of computer networks, protocols, and topologies.
 - [Hands-on activity](#): Identify star of network topology using network simulation tools (cisco packet tracer)

**Week 2:

- **Lab 3:** Installation Wireshark and understanding of Interface
 - [Download Wireshark](#)
- **Lab 4:** Use of Wireshark
- [Slide](#)
- [Hands-on activity](#)

Lab : [Windows Networking Commands](#)

- Hands-on activity: ping, ipconfig, nslookup

**Week 3:

- **Lab 5:** Understanding Network Devices
 - Introduction to routers, switches, hubs, and modems.
 - [Hands-on activity](#): Configure basic settings on a router and switch using cisco packet tracker