

# Computer Networks

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- [Computer Network Notes](#)

## Lab 1:

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

## Cisco Packet Tracker

- **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)
- **Lab 3:** [How to configure DHCP server in Packet Tracer](#)

## Wireshare

- **Lab 1:** Installation Wireshark and understanding of Interface
  - [Download Wireshark](#)
- **Lab 2:** Use of Wireshark
  - [Slide](#)
  - [Hands-on activity](#)

## Windows

- **Lab 1:** [Windows Networking Commands](#)
  - Hands-on activity: [ping](#), [ipconfig](#)

**Lab 2:** [Windows Networking Commands](#) - Hands-on activity: [nslookup](#), [tracert](#)

**Lab 3:** [Finding Your Public IP Address](#)

- **Lab 4:** 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

## Final Project: Project #1