

Computer Networks

Brief description of the course:

The aim of the course is to get acquainted with the basic terms in the field of computer networks, with models and protocols, with the configuration of network elements and end devices.

Prerequisites: Basic knowledge of the issue

Type of Activity: Theoretical and practical preparation of participants

The number of hours: 40

Course language: English

Maximum number of course participants: 12

Detailed course description:

- Basic concepts
- Basic configuration of switches and end devices
- Protocols and models of computer networks
- Physical layer
- Number systems
- Line layer
- Switching in Ethernet networks
- Network layer
- Addressing in computer networks
- Basic configuration of routers
- IPv4 and IPv6 addressing
- ICMP
- Transport layer
- Application layer

Course goal: Obtaining basic knowledge of the issue

Awaited results: General knowledge of the issue

Assessment (Micro-credential type): Final practical test for 80%, final theoretical test for 80%

Schedule: June - August 2024

