

Course description

Introduction to Cyber Security
5 ECTS
Grading: 1-5
Language: Finnish or English

Cyber security is an important part of the server infrastructure and everyday life with digital devices. Despite the fact that cyber security is an important part today, it will be an even more important part of data integrity in the future. This course covers basic information about cyber security, explains what cyber security means to the individual, and gives knowledge on how to consider security from the server-side point of view.

Learning outcomes:

1. Scam messages
2. Hashes
3. Encrypting emails
4. After cyber attack
5. Passwords
6. Who owns your data?
7. VPN-services

Course contents:

The need for Cyber security
Attacks, Concepts and Techniques
Protecting Your Data and Privacy
Protecting the Organization
Will your future be in Cyber security?

