Course Title: Cyber Security
Asst. Prof. Serkan GÖNEN

Brief Description Of The Course:

In our age, which is called the information age, information technologies have started to be used in almost all areas of our daily life. Therefore, all our information, including our private information, is digitized. This digitization not only changed our communication methods, but also created a new way of working and life. Therefore, İnformation technologies bring many opportunities and capabilities to our lives such as digitization, productivity, efficiency and time savings. If the security of the said information technologies cannot be ensured, irreparable damages may be encountered due to significant gaps and threats in the systems. Hence, the most fundamental issue to be considered in the use of information technologies is security.

One of the most important components of information security is the human factor. This factor is often ignored or forgotten, but also defined as the weakest link in the information security chain. The age of use of information systems has dropped to preschool years, so it has become very important to raise awareness of users on social engineering, cyber bullying and password security. In this context, it is aimed to increase the awareness of the participants on the basic issues of cyber security at the end of our course, which is planned as two parts.

(In the seminar, it will be stated that Cyber Security, Information Law, Network Security, Encryption courses are held theoretically and practically in the Computer Engineering Department of our school within the scope of the presentation. It will also be emphasized that Network Penetration Test Training and Applications are planned to be carried out in the laboratory environment established within the Cyber Security Application and Research Center.)

Topics To Be Covered In The Course
1) Information Age and Information Society
2) Cyber Security Basics
3) Cyber Bullying
4) Social Engineering
5) Password Security
6) Information Security Awareness

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