BMUH 552 Network Security

Course Code:	BMUH 552
UTAA Credit (Theoretical-Laboratory hours/week):	3(3-0)
ECTS Credit:	6.0
Department:	Electrical and Computer Engineering
Language of Instruction:	English
Level of Study:	Graduate
Offered Semester:	Fall and Spring Semesters.

Course Objectives

This course aims to introduce network security concepts

Course Content

Public key cryptography, hash algorithms, secure e-mail algorithms, threats to privacy, privacy-preserving methods, web security, authentication, firewall

Course Learning Outcomes

1-Learn security and privacy concepts.

2-Define network attacks

3-Define security shortfalls

4-Define network security policies

5-Apply security rules

6-Manage and monitor a security wall

7-Design a secure network