

UA 524 Network Security

Course Code:	UA 524
UTAA Credit (Theoretical-Laboratory hours/week):	3(3-0)
ECTS Credit:	6.0
Department:	Unmanned and Autonomous System 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