

TOROS ÜNİVERSİTESİ

Vocational School
Information Security Technology

Course Information

COMPUTER NETWORKS I					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
BGT106	Spring	2	1	3	

Prerequisites and co-requisites	
Language of instruction	Turkish
Type	Required
Level of Course	Associate
Lecturer	
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	The aim of this course is to explain the security risks that the end user will face and to teach the necessary solution methods.
Contents of the Course	Virus and antivirus types, Operating system security, Cyber crimes, Encryption methods, Network security.

Learning Outcomes of Course

#	Learning Outcomes
1	Learn virus and antivirus types;
2	Ensure operating system security;
3	Learns cyber crimes;
4	Learns encryption methods;
5	Ensures network security

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Course Description;	
2	What is Security	
3	Virus - Antivirus and Derivatives;	
4	Cyber Wars;	
5	Security in Operating Systems;	
6	Security in Operating Systems;	
7	Security in Operating Systems;	
8	Midterm	
9	User Agreements	
10	Cyber Crimes;	
11	Encryption;	

12	Wireless Networks;	
13	Network Security;	
14	Certificates;	
15	Virtual Private Network (VPN);	
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
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Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	Learn virus and antivirus types;	2	1
2	Ensure operating system security;	4	1
3	Learns cyber crimes;	5	1
4	Learns encryption methods;	7	2
5	Ensures network security	1	2

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	2	28
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	2	28
3	Presentation and Seminar Preparation	1	2	2
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	1	1	1
8	Midterm Exam	1	1	1
9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	0	0	0
16	Final Exam	0	0	0
				60