

TOROS ÜNİVERSİTESİ

Vocational School
Information Security Technology

Course Information

CYBER SECURITY II					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
BGT102	Spring	3	0	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 teach basic information about computer and network security.
Contents of the Course	Cyber security applications, Computer security, Network security, Basic cryptographic structures, Cyber security problems in the IT world.

Learning Outcomes of Course

#	Learning Outcomes
1	Learns cyber security applications
2	Ensures computer security
3	Ensures network security
4	Learn the basic encryption structures
5	Recognize the cyber security problems in the informatics world

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Login	Expression
2	Introduction to Cyber World and Security	Expression
3	Cyber Security Concepts	Expression
4	Cyber Security Applications	Expression
5	Computer Security	Expression
6	Computer Security	Expression
7	Computer Security	Expression
8	Midterm	Written
9	Network Security	Expression
10	Network Security	Expression
11	Basic Encryption Structures	Expression
12	Basic Encryption Structures	Expression

13	Seminar and Application Courses	Expression
14	Seminar and Application Courses	Expression
15	Seminar and Application Courses	Expression
16	Final Exam	Written

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	Learns cyber security applications	1	1
2	Ensures computer security	2,4,5	1
3	Ensures network security	3,5,6	1
4	Learn the basic encryption structures	2	2
5	Recognize the cyber security problems in the informatics world	4	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	3	42
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	2	28
3	Presentation and Seminar Preparation	0	0	0
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	5	5
8	Midterm Exam	1	5	5
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	1	5	5
16	Final Exam	1	5	5
				90