



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Information Ethics, Laws and Human Influence							
Course Code		MIS503		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	7	Workload	180 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		In this course, cyber space, cyber attack types and cyber security approaches and solutions will be taught in technical, ethical and legal dimensions.							
Course Content		Security Policies, Risk Analysis, Code of Ethics, Physical Threats and Checks, Information Technology Security Structures, Security of Computer Programs and Data (copyright, patents), Authentication, Principles of Secure Design, Related Laws, Applications, Standards, Privacy in Information Systems, Information Crimes, Case Studies, Human Impact in Cyber Security.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case Study, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Micheal T. Simpson, Kent Backman, James Corley, Hands-On Ethical Hacking and Network Defense, Cengage Learning, 2010.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Cyber Space and Attack Types
2	Theoretical	Security Policies, Risk Analysis
3	Theoretical	Code of Ethics, Physical Threats and Checks
4	Theoretical	Information Technology Security Structures, Security of Computer Programs and Data (copyright, patents), Authentication
5	Theoretical	Principles of Safe Design
6	Theoretical	Laws Related to Cyber Security
7	Theoretical	Applications
8	Theoretical	Midterm
9	Theoretical	Privacy in Information Systems
10	Theoretical	Computer Crimes
11	Theoretical	Example-Case Studies
12	Theoretical	The Effect of Human in Cyber Security
13	Theoretical	Project Presentations
14	Theoretical	Project Presentations
15	Theoretical	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	2	3	65
Assignment	13	2	0	26
Project	1	32	0	32
Individual Work	13	2	0	26
Midterm Examination	1	10	3	13



Final Examination	1	15	3	18
Total Workload (Hours)				180
[Total Workload (Hours) / 25*] = ECTS				7
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Have knowledge about ethical rules of information applications.
2	Have knowledge about legal regulations related to informatics.
3	Have knowledge about the applications and standards related to IT ethics.
4	Have information about the effect of people in cyber security.
5	Have information about privacy, information crimes and case studies in information systems.

### Programme Outcomes (Management Information Systems Master)

1	Be aware of the different types of information technologies and systems using in business, have enough knowledge to design a suitable system
2	Analyse the needs for an information systems and have control over the processes at the analysis, design and implementation stages of the database that belongs to the system
3	Convey information about current trends and their own studies both verbally and visually ways.
4	Be able to follow current developments in modern business techniques and technologies, especially information technologies
5	Understand the interaction between his department and other relational departments, if necessary make a team, take responsibility and do the works with team.
6	Know the information technologies and systems using in different types of business, if necessary take the system responsibility.
7	Be aware of the social transformation especially in their own field and social, legal and moral responsibilities belongs to other work field.
8	Develop their knowledge to the level of expertise which they learn them in license level.
9	Carry out a work which requires an expertness in their field.
10	Construct and perform an academic work.

### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4	3	3	4	3
P2	5	3	2	4	3
P3	5	3	3	4	3
P4	5	4	3	4	4
P5	5	3	3	3	4
P6	4	4	4	3	4
P7	4	5	4	3	5
P8	3	5	4	4	5
P9	5	5	4	4	5
P10	5	5	4	4	5

