



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Information Security in Tourism Businesses							
Course Code		TUR636		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		This course aims to provide information about information security policies, strategies, planning, models, and mechanisms for confidentiality, integrity, and availability within the aspect of management in business life. This course does not only focus on computers, IT systems, technology or IT security but also presents topics including “information security” and its management aspects in business.							
Course Content		It's to be a basis for all students who will work in Tourism Management or other branches in today's professional life and should know; how information security is applied in management, how organizational needs match with security needs, how supply chain management is integrated with security, how business strategies cope with security strategies, how risks are analyzed, minimized and managed, how IT or informational processes are aligned with business processes, how professionals should encounter & cope with all threats, aspects of information security.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case 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	Information Security Management Handbook. Harold F. Tipton, and M. Krause 1999, 4th Ed, Auerbach, ISBN 0849398290
2	Related Standards & Baseline References:ISO27001:ISO/IEC, 2005BS259991, British Standards Institute, 2006
3	Information Security Policies Made Easy v.8, Wood, Charles C., 2002, ISBN 1881585077
4	CISM Review Manual, ISACA, 2007, 5TH Ed, ISBN 1933284536CISA Review Manual, ISACA, 2006, ISBN 1933284153
5	CISSP Textbook, Vallabhaneni, S.Rao, SRV Pro Publications, 2002, ASIN: B0006S7QN0ISACA, ISC2, COBIT, ISO 27001, BS25999

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction, Basic Terms & Concepts
2	Theoretical	Common Threats, Attacks, Vulnerabilities
3	Theoretical	Basics of Telecommunications & Network Security
4	Theoretical	Basics of Cryptography
5	Theoretical	Basics of Software Security & Access Control
6	Theoretical	Information Security Risks; Management & Assessment
7	Theoretical	IT Governance & Security Management; Models in Business Life, Audits, Controls
8	Theoretical	Midterm Exam
9	Theoretical	Information Security Policies, Organizations, Planning
10	Theoretical	Physical Security
11	Theoretical	Business Continuity Management & Disaster Recovery Planning
12	Theoretical	Operations Security & Change Management
13	Theoretical	Information Security Best Practices in Tourism Industry, Tourism & Ecommerce
14	Theoretical	Cyber Crimes, Investigations, Related Laws & Regulations
15	Theoretical	General Review
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Assignment	2	14	0	28



Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Ability to explain information security.
2	Ability to explain importance of information security.
3	Ability to define information security policies and strategies.
4	Ability to define necessary applications to provide information security.
5	Ability to explain difference of data and information

Programme Outcomes (Tourism Management Doctorate)

1	In the context of interdisciplinary structure of tourism management, s/he has scientific knowledge and knowledge about sectoral structure and truths which are constituted with the glance of various disciplines.
2	At her/his judgements, applications and behaviors; via using her/his knowledge regarding to the field of tourism; s/he is able to interpret, analyse, define the problems and solve them.
3	S/he is able to transfer the knowledge that're regarding to the field of tourism, to employees and team workers.
4	Within the scope of a study at the field of tourism management; s/he reaches scientific knowledge by proceeding with an independent manner at scientific research process.
5	Fulfill her/his duties and responsibilities at the projects that're performing on the field of tourism management.
6	S/he determines vision, aim and targets for tourism establishments or the institutes which're producing knowledge like universities, schools etc.
7	S/he follows the scientific literature at the field of tourism management.
8	Within the scope of learning to learn, s/he reaches the best applications by benefiting scientific data and the samples at her/his field, as well.
9	S/he transfers her/his knowledge, views and suggestions in written and oral forms to the business managers, relevant sections of the society by academic channels, professional and non-governmental organizations and public opinion.
10	S/he contacts with academicians and research centers operating in the field of tourism management, take part in research projects, and by sharing her/his experiences, transform them to output.
11	S/he is able to use at least a foreign language at academic level.
12	S/he uses computer software, informatics and communication technologies at least in the level of data entering and analyses regarding to her/his working areas.
13	S/he makes original recommendations for the issues arising from the unique nature of tourism.
14	S/he has sufficient awareness about universalities of social rights, social justice, quality and cultural values, environmental protection, occupational health and safety; besides behaving accordingly to organizational/corporate, business and social ethical values. S/he contributes to the sector at producing solutions on these issues.

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	3	3	3	3	3
P2	3	3	3	3	3
P3	4	4	4	4	4
P4	3	3	3	3	3
P5	3	3	3	3	3
P6	4	4	4	4	4
P7	4	4	4	4	4
P8	3	3	3	3	3
P9	4	4	4	4	4
P10	3	3	3	3	3
P11	4	4	4	4	4
P12	5	5	5	5	5
P13	5	5	5	5	5
P14	5	5	5	5	5

