Syllabus

Bsc Management, Business and Economics

Subject	INTRODUCTION TO INFORMATION, TECHNOLOGY AND SOCIETY			
	Type	**Semester**	**ECTS**	**Code**
	OBLIGATIVE (O)	1	4	

Course Lecturer	Dashmir Istrefi, PHD

Aims and Objectives	The aim of this module is to introduce students to new technologies of ICT which has transformed our overall life society. The impact of ICT and the transformation of our activities from paper – based to online-based has reshaped our everyday activities by introducing the activities within cyberspace. In this regard new challenges and legal challenges have arisen from the population of cyberspace. The overall course will touch briefly these technologies and the threats and benefits that are associated with this transition phase. Upon the completion of the course it is anticipated that students should be able to understand the essential issues concerning the relationship between information technology applications and the key legal principles. Understand the concept of technology and its application in modern life in the shape of information society. Topics include the basic concepts of argumentation and inductive reason, an introduction to big data, data privacy, cyber ethics, issues related to computers, networking and network security (threats and breaches) and personal autonomy (anonymity and accountability, identity theft), intellectual property rights. The goal of this course is to provide students with fundamental knowledge of emerged technologies, and the framework and tools for ethical decision-making in their professions and to heighten ethical awareness of the standards of conduct in these areas. The course should equip students to think outside the box and apply the new rubric of deliberation to the expanding world of cyber-arena.

Learning Outcomes	Students that successfully complete the course will be able to: • Formulate and defend a position on ethical questions related to technology and society • Describe the main challenges currently posed by technology and the use of social media • Describe the results of group discussion on the information age, and the use of Big Data. The creation, manipulation, distribution and exchange of information • Describe the emerging trends, legal activities and other related challenges when dealing with detection and prevention of unethical activities • Analyse a proposed course of action in the context of Privacy and Surveillance in the Age of Interconnection • Demonstrate effective oral and written communication methods to explain a position on the social responsibilities of software developers and IT workers

	Course Plan	**Week**
	Introduction to Information, Technology and Society	1
	Big Data: Privacy, Anonymity, Data Protection and State surveillance	2
	e-Government and Sensitive Personal Data	3
	Governing the Internet: Who should govern the Internet?	4
	CyberCrime: The darker side of CyperSpace	5
	E-Commence: Electronic Money	6
	Domain names and cybersquatting	7
Course Content	Digital Forensic: Computer related Crimes	8
	Possible threats in Networks and Infrastructure	9
	The future: Virtual Environments	10

	Digital Content and Intellectual Property Rights			11
	Project Presentation			12
Teaching/Learning Methods	**Teaching/Learning Activity**			**Weight (%)**
	1. Lectures			20%
	2. Seminars			20%
	3. Laboratory			20%
	4. Case studies			40%
Assessment Methods	**Assessment Activity**	**Number**	**Week**	**Weight (%)**
	1. Project Based Activities	2	7,12	50%
	2. Activity and Participation	1	12	10%
	3. Final Exam	1	13	40%
Course resources	**Resources**			**Number**
	1. Moodle			
	2. Projector			
ECTS Workload	**Activity**		**Weekly hrs**	**Total workload**
	1. Lectures		2	24
	2. Projects		4	48
	3. Discussion		2	24
Literature/References	Herman T. Tavani. Ethics & Technology, Ethical Issues in an Age of Information and Communication Technology,3rd Edition, John Wiley & Sons, Inc., 2011 Schmidt, Eric, and Jared Cohen. The new digital age: Transforming nations, businesses, and our lives. Vintage, 2014. Reynolds, George Walter, Ethics in Information Technology, 4th edition, 2012, Cengage			
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