Course Definition File

Ethics of Profession & Society

Information

Technology

Engineering

Syrian Arab Republic		الجمهورية العربية السورية
Ministry of Higher Education		وزارة التعلـيم العالـــي
Syrian Virtual University		الجامعة الافتراضية السورية

1. Basic Information:

Course Name	Ethics of Profession & Society
Course ID	**GET601**
No. of Recorded Sessions*	18
No. of Synchronized Sessions*	18
No. of Quizzes (hrs.)	2
Exam (hrs.)	2
Registered Sessions Work Load (hrs.)	48
Synchronized Sessions Work Load (hrs.)	48
Credit Hours	6.0

* The duration of each session 1.5 hr

2. Pre-Requisites:

Course	ID
IT Project Management	GPM601

3. Course Objectives:

The course deals with the concept of work ethics and its relationship to ethics; dimensions of work ethics and its relationship to professional ethics; personalities of individuals and organizational culture; acculturation mechanisms in the institution; The concept of cybercrime and the corresponding Syrian law, and ethics related to sales and marketing; ethics related to production and intellectual property; The concept of social responsibility and its relationship to work ethics.

4. Learning Outcomes (LO):

1. Know the concept of work ethics and its dimensions.

2. Know the concept of organizational culture and understand the mechanisms of acculturation in the institution.

3. The concept of electronic crime and the Syrian law in this field.

4. Define ethics related to sales, marketing, production and intellectual property.

5. Define the concept of social responsibility.

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5. Assessment Results:

Chapter No.	Chapter Title	Intended Objectives	Assessment Type				
			Developed content/ Recorded Sessions	Practical Activities (Synchronized Sessions)	Quizzes and Exams	Presentations And Interviews	Reports
CH1	Morality and the Law	Comprehension –Analytical Thinking	X	X	X		X
CH2	Ethics and Ethical Analysis	Comprehension –Analytical Thinking –Tools And Application Hands– On	X	X	X		X
CH3	Ethics and the Professions	Comprehension –Analytical Thinking –Tools And Application Hands– On	X	X	X		X
CH4	Anonymity, Security, Privacy and Civil Liberties	Comprehension –Analytical Thinking –Tools And Application Hands– On	X	X	X		X
CH5	Intellectual Property	Comprehension	X	X	X		X

	Rights and Computer Technology	−Analytical Thinking − Application Hands− On					
CH6	The concept of cybercrime and the corresponding Syrian law	Comprehension −Analytical Thinking −Tools And Application Hands− On	X	X	X		X

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6. Course Syllabus

Chapter No.	Chapter Title	Chapter Content (Syllabus)	No. of Theoretical Learning Units	No. of Practical Learning Units)
CH1	Morality and the Law	1. Introduction 2. Morality 3. Law 4. Morality and the Law 5. Morality, Etiquettes, and Manners	2	1
CH2	Ethics and Ethical Analysis	1. Traditional Definition 2. Ethical Theories 3. Functional Definition of Ethics 4. Ethical Reasoning and Decision Making 5. Codes of Ethics 6. Reflections on Computer Ethics	2	1
CH3	Ethics and the Professions	1. Introduction 2. Evolution of Professions 3. The Making of an Ethical Professional: Education 4. Professional Decision Making and Ethics 5. Professionalism and Ethical Responsibilities	2	1

CH4	Anonymity, Security, Privacy and Civil Liberties	1. Introduction 2. Anonymity 3. Security 4. Privacy 5. Ethical and Legal Framework for Information	2	
CH5	Intellectual Property Rights and Computer Technology	1. Definitions 2. Computer Products and Services 3. Foundations of Intellectual Property 4. Ownership 5. Intellectual Property Crimes 6. Protection of Ownership Rights 7. Protecting Computer Software Under the IP 8. Transnational Issues and Intellectual Property	2	1
CH6	The concept of cybercrime and the corresponding Syrian law	1. Introduction 2. Types of Computer Systems Attacks 3. Motives of Computer Crimes 4. Costs and Social Consequences 5. Computer Crime Prevention Strategies 6. Syrian cybercrime law	2	2

7. Practical Activity:

- Tools and Labs:

Tool Name	Description
firewall	Software or hardware
intrusion detection and network forensics software	Detecting any attacking incident
Network penetration and analysis tool	For testing the network

- Practical Activities per Chapters:

Chapter	Practical Activity	Remarks
CH1	☒ Exercises ☒ Homework ☒ Webinars ☐ Project ☐ Other	
CH2	☒ Exercises ☒ Homework ☒ Webinars ☐ Project ☐ Other	
CH3	☒ Exercises	

	☒ Homework ☒ Webinars ☐ Project ☐ Other	
CH4	☒ Exercises ☒ Homework ☒ Webinars ☐ Project ☐ Other	
CH5	☒ Exercises ☒ Homework ☒ Webinars ☐ Project ☐ Other	
CH6	☒ Exercises ☒ Homework ☒ Webinars ☐ Project ☐ Other	

8. References:

1. Joseph Migga Kizza, Ethics in Computing: A Concise Module, Springer International Publishing Switzerland, ISBN 978-3-319-29106-2, 2016

2. Joseph Migga Kizza, Computer Network Security and Cyber Ethics Fourth Edition, 2014

3. Kenneth Einar Himma and Herman T. Tavani ,THE HANDBOOK OF INFORMATION AND COMPUTER ETHICS, John Wiley & Sons, 2008