

QF01/0408-4.0E	Course Plan for Bachelor program - Study Plan Development and Updating Procedures/ Department
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Study plan No.		University Specialization	Software Engineering
Course No.	0114150	Course name	Communication Skills and Professional Ethics
Credit Hours	3	Prerequisite Co-requisite	Introduction to Information Technology
Course type	<input type="checkbox"/> MANDATORY UNIVERSITY REQUIREMENT <input type="checkbox"/> UNIVERSITY ELECTIVE REQUIREMENTS	<input checked="" type="checkbox"/> FACULTY MANDATORY REQUIREMENT <input type="checkbox"/> Support course family requirements	<input type="checkbox"/> Mandatory requirements <input type="checkbox"/> Elective requirements
Teaching style	<input type="checkbox"/> Full online learning	<input checked="" type="checkbox"/> Blended learning	<input type="checkbox"/> Traditional learning
Teaching model	<input type="checkbox"/> 2Synchronous: 1asynchronous	<input checked="" type="checkbox"/> 2 face to face : 1synchronous	<input type="checkbox"/> 3 Traditional

Faculty member and study divisions information (to be filled in each semester by the subject instructor)

Name	Academic rank	Office No.	Phone No.	E-mail	
Division number	Time	Place	Number of students	Teaching style	Approved model

Brief description

<p>This course considers the ethical issues that arise as a result of increasing use of computers, and the responsibilities of those who work with computers. The course includes the understanding of the legal, ethical, and societal implications of information technology that you'll need as a successful IT professional. Examine ethical situations in IT and review practical advice for addressing common issues as you study professional codes of ethics, cyberattacks and cybersecurity, security risk assessment, privacy, electronic surveillance, and freedom of expression. You also review Internet censorship, protection of intellectual property, ethical decisions in software systems, IT's impact on society, social networking, and ethics of IT corporations. This book provides a thorough foundation for addressing ethical issues in today's workplace. Business vignettes, Critical-Thinking exercises, thought-provoking Cases and decision-making features prepare you to make key business decisions.</p>
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Learning resources

Course book information (Title, author, date of issue, publisher ... etc)	George Reynolds , Ethics in Information Technology, 6th Edition, ISBN10: 0-357-69093-1, ISBN13: 978-0-357-69093-2, Cengage Learning, ©2019			
Supportive learning resources (Books, databases, periodicals, software, applications, others)	1- Michael J. Quinn, Ethics for the Information Age, Global Edition, 6th Edition , Pearson, Seattle University 2015 2- Robert N. Barger, Computer Ethics: A Case-Based Approach, 1st ed. Cambridge University Press, New York, NY, USA, 2008. 3- Sara Baase, A Gift of Fire: Social, Legal, and Ethical Issues in Computing, Pearson; 5th edition (February 27, 2017) Language : English Paperback : 560 pages, ISBN-10 : 9780134615271, ISBN-13 : 978-0134615271			
Supporting websites				
The physical environment for teaching	<input type="checkbox"/> Class room	<input type="checkbox"/> labs	<input type="checkbox"/> Virtual educational platform	<input type="checkbox"/> Others
Necessary equipment and software				
Supporting people with special needs				
For technical support				

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Course learning outcomes (S= Skills, C= Competences K= Knowledge,)

No.	Course learning outcomes	The associated program learning output code
Knowledge		
K1	Provide the students the knowledge about the ethical issues that arise as a result of increasing use of computers, and the responsibilities of those who work with computers.	What Is Ethics, Ethics in the Business World Corporate Social Responsibility
K2	Be able to discuss/ explain the different issues of ethics (privacy and copy rights	Privacy Protection and the Law
K3	Understanding the definitions of copyright and intellectual property and be aware to the consequences of violating these rights over all different types of electronic media.	Intellectual Property
K4	Understanding and distinguishing the definitions for Crime, Error, Failure and Risk and studying different codes of ethics	Computer and Internet Crime
Skills		
S1	The ability to critically analyze IT related ethical problems and be aware and familiar to different codes of ethics.	What Is Ethics, Ethics in the Business World Corporate Social Responsibility
S2	The ability to approach the appropriate decision to the different ethical issues.	Privacy Protection and the Law
S3	The ability to show professional ethics and responsibilities.	Intellectual Property
S4	The ability to develop a code of ethics for any organization or firm student wishes to work for.	Computer and Internet Crime
Competences		
C1	The ability to display an integrated approach to the deployment of communication skills.	What Is Ethics, Ethics in the Business World Corporate Social Responsibility
C2	The ability to plan and undertake a major individual/ group small projects/research.	Privacy Protection and the Law
C3	The ability to show personal responsibility by working to multiple deadlines in relation to the course requirements.	Intellectual Property
C4	The ability to analysis the code of ethics for any organization or firm.	Computer and Internet Crime

Mechanisms for direct evaluation of learning outcomes

Type of assessment / learning style	Fully electronic learning	Blended learning	Traditional Learning (Theory Learning)	Traditional Learning (Practical Learning)
Midterm exam	30%	30%	40%	30%

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Participation / practical applications	0	0	10%	30%
Asynchronous interactive activities	30%	30%	0	0
Final exam	40%	40%	50%	40%

Note: Asynchronous interactive activities are activities, tasks, projects, assignments, research, studies, projects, and work within student groups ... etc, which the student carries out on his own, through the virtual platform without a direct encounter with the subject teacher.

Schedule of simultaneous / face-to-face encounters and their topics

Week	Subject	learning style*	Reference **
1	Brief introduction about the information growth and the need of ethics What Is Ethics, Ethics in the Business World Corporate Social Responsibility Why Fostering Corporate Social Responsibility and Good Business Ethics Is Important?	Lecture	Lecture Notes + 1-16
2	How Organizations Can Improve Their Ethics Establish a Corporate Code of Ethics Including Ethical Considerations in Decision Making Ethics in Information Technology Case study	Lecture	16 – 43
3	Ethics for IT Workers and IT Users IT Worker Relationships That Must Be Managed Encouraging the Professionalism of IT Workers What Can Be Done to Encourage the Ethical Use of IT Resources Among Users? Examples and cases.	Lecture	44 – 76
4	Computer and Internet Crime	Lecture	83 -123
5	Examples Case Study Student presentation	Lecture	Lecture Notes
6	Revision1 Mid Exam		
7	Privacy Privacy Protection and the Law Key Privacy and Anonymity Issues	Lecture	133 - 167
8	Privacy Privacy Protection and the Law Key Privacy and Anonymity Issues	learning through projects	439 – 455 ref. 3 ACM/IEEE Software Engineering Code of Ethics
9	Intellectual Property	learning through examples	185 – 190
10	Intellectual Property	learning through examples	221 – 252
11	Examples Case Study Revision2	learning through projects	Lecture notes

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12	Ethical Decisions in Software Development		263 - 290
13	Examples Case study Revision3	Lecture	439 - 455
14	Revision1	Lecture	
15	Project evaluation	Lecture	
16	Final Exam		

* Learning styles: Lecture, flipped learning, learning through projects, learning through problem solving, participatory learning ... etc.

** Reference: Pages in a book, database, recorded lecture, content on the e-learning platform, video, website ... etc.

Schedule of asynchronous interactive activities (in the case of e-learning and blended learning)

Week	Task / activity	Reference	Expected results
1	Brief introduction about the information growth and the need of ethics What Is Ethics, Ethics in the Business World Corporate Social Responsibility Why Fostering Corporate Social Responsibility and Good Business Ethics Is Important?	Chapter 1	Lecture Notes + 1-16
2	How Organizations Can Improve Their Ethics Establish a Corporate Code of Ethics Including Ethical Considerations in Decision Making Ethics in Information Technology Case study	Chapter 1	16 – 43
3	Ethics for IT Workers and IT Users IT Worker Relationships That Must Be Managed Encouraging the Professionalism of IT Workers What Can Be Done to Encourage the Ethical Use of IT Resources Among Users? Examples and cases.	Chapter 2	44 – 76
4	Computer and Internet Crime Cyberattacks and Cybersecurity The Threat Landscape Response to Cyberattack	Chapter 3	83 -123
5	Examples Case Study Student presentation	Lecture	Lecture Notes
6	Revision1 Mid Exam	Chapter 1, 2 & 3	
7	Privacy Privacy Protection and the Law Key Privacy and Anonymity Issues	Chapter 4	133 - 167
8	Privacy Privacy Protection and the Law Key Privacy and Anonymity Issues	Chapter 4	
9	Intellectual Property	Chapter 4	185 – 190
10	Intellectual Property	Chapter 4	221 – 252
11	Examples Case Study Revision2	Lecture	Lecture notes
12	Final project task 1	Final project task 1	
13	Final project task2	Final project task2	
14	Final project task3	Final project task3	
15	Project Presentation	Project	

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		Presentation	
16	Final Exam		