



جمهورية مصر العربية

وزارة التعليم العالي والبحث العلمي

Ministry of Higher Education and Scientific Research



المعهد العالى للحاسبات وتكنولوجيا المعلومات
مدينة الشروق - القاهرة
شعبة علوم الحاسب

Course specification

Course Code: H 201

Course Title: Work Ethics

Academic Year: /

Course specification
(H 201 - Work Ethics)

Course Outline

Faculty:	<i>HICIT- (Higher Institute for Computers & Information Technology-El Shorouk Academy)</i>		
Programme(s) on which the course is given:	Undergraduate program in Computer Science		
Major or minor element of programme:	Compulsory		
Department offering the program	Department of Computer Science		
Department offering the course:	Department of Computer Science		
Level	Second Level		
Date of specification approval	DD/MM/YYYY		

Basic Information

Code:	H 201	Title:	Work Ethics	
Prerequisites:	H 201 Work Ethics			
Weekly Hours:				
Lecture: 2	Exercise: 0	Practical: 0	Total: 2 credit hours	

Professional Information

Course Aims:

This course introduces the basic concepts of work ethics and the social responsibility of organizations. Social context of computing, methods and tools of analysis of ethical argument, professional and ethical responsibilities, risks and liabilities of safety-critical systems, intellectual property, privacy and civil liberties, social implications of the Internet, computer crime, philosophical foundations of ethics. Other recent related topics

After completing this course students must be able to:

- Remember the concepts and aspects of business ethics, distinguish between ethical values and other types of values
- understand the role of ethics in both business activities and social life.
- Learn about ethical considerations and values related to commercial activity.
- Identifying the phenomenon of administrative corruption and proposing a model to address it.
- Applying the ethical thinking approach to special cases and defending the summary of what has been reached.

Program ILOs Covered by Course

Knowledge and understanding	Intellectual Skills	Professional and practical skills	General and Transferable skills
a1, a8, a10, a16	b1, b10, b 15	C7, C 8, C 12, C17	d1, d2, d3, d7, d10, d12

Intended learning outcomes of course (ILOs)

a. Knowledge and Under-Standing:

- a1. Understand the essentials of work ethics.
- a8. Understanding of fundamental topics about the characteristics of work ethics and their application in the personal, academic and workplace setting.
- a10. Selected advanced topics to provide a deeper understanding of some aspects of work ethics.
- a16. Provide a deeper understanding of legal, professional and moral aspects of the work ethics issue.

b. Intellectual Skills:

- b1. Define traditional and non -traditional problems, set goals towards solving them, and observe results.
- b10. Generate an innovative design to solve a problem containing a range of commercial and industrial constraint.
- b 15. Apply the concepts, principles, theories and practices underpinning computing as an academic discipline.

c. Professional and practical skills

- C7. Apply the principles of effective information management, information organization, and information -retrieval skills to information of various kinds, including text, images, sound, and video
- C 8. Apply the principles of apply practical, work ethics cases within a variety of academic assignments.
- C 12. Appreciate and manage the need for continuing professional development in recognition of the need for lifelong learning
- C17. Develop a range of fundamental research skills, through the use of online resources

d. General and transferable skills

- d1. Communicate effectively by oral, written and visual means.
- d2. Work effectively as an individual and as a member of a team.
- d3. Collaborate effectively with team in presentation and projects
- d10. Communicate effectively with team members
- d12. Use an appropriate mix of tools and aids in preparing and presenting reports.

Contents

Topic	Contact Hours	
	lecture	Lab
Social context of computing	2	0
methods and tools of analysis of ethical argument	2	0
professional and ethical responsibilities	2	0

risks and liabilities of safety-critical systems	2	0
intellectual property	2	0
privacy, civil liberties and Confidentiality.	2	0
social implications of the Internet	2	0
computer crime	2	0
philosophical foundations of ethics	2	0
Recent topics: Code of ethics in organizations and Unethical Leadership	4	0
Toxic Workplace Culture. Discrimination and Harassment	4	0

Teaching and learning methods	
Teaching and learning methods	Used
Lectures	√
Exercises	√
Discussions.	√
Self – Learning (Reading material, Websites search,)	√
Self-studies	√
Group work	√
Presentation	√
Problem solving/problem solving learning based	√
Case study	√
Synchronous E-Learning	√
Video lectures	√
Asynchronous E-Learning	√

Student assessment methods & Schedule		
Methods	Used	Week#
Midterm Exam	√	8
Final Exam	√	16
Presentation	√	3-14
Course Work & Quizzes	√	2-14
Case study	√	15

Assessment Weight	
Assessment	Weight %
Mid Term Exam	15%
Presentation	15%
Final Exam	60%
Course Work & Quizzes	10%

Total	100%
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Course Work & Quizzes	
Short Exams, Assignments, Research, Reports, Presentations	
Class/ discussion	

List of references	
Essential books (textbooks)	Chester, Eric, (2012): Reviving Work Ethic: A Leader's Guide to Ending Entitlement and Restoring Pride in the Emerging Workforce.
Course notes	E-Learning Portal
Recommended books	<ul style="list-style-type: none"> - Banks, Sara, (2012): Ethics and Values in Social Work, Palgrave. - Stephen, J. Skripak and Kurt, Stanberry (2018): Business Ethics.
Periodicals, website	
Videos link	

Required Facilities		
Tools & SW (Technology facilities):	<ul style="list-style-type: none"> - Microsoft TEAMS to create virtual classrooms for lectures, discussions for project. - Academy Portal (MOODLE) to make electronic quizzes and electronic midterm exam. - Academy Portal (MOODLE) to upload assignment. - Academy portal (MOODLE) to upload electronic material. 	
Teaching facilities:	Whiteboard	√
	Data show	√
	E-Learning	√
	Videos	√
	Website	√

Course Content/ILO Matrix																	
Course Contents	Knowledge & understanding				Intellectual skills			Professional and practical skills				General					
	a1	A2	A3	A4	b1	B2	B3	C1	C2	C3	C4	d1	d2	d3	D4	D5	D6
Social context of computing	✓	✓					✓	✓	✓								

methods and tools of analysis of ethical argument	✓	✓				✓	✓	✓	✓								
professional and ethical responsibilities	✓	✓		✓	✓	✓	✓	✓	✓	✓					✓		✓
risks and liabilities of safety-critical systems	✓	✓					✓	✓	✓	✓	✓	✓			✓		✓
intellectual property	✓	✓					✓					✓					
privacy, civil liberties and Confidentiality.	✓	✓	√				✓	✓		✓		✓			✓		
social implications of the Internet	✓	✓	√	√			✓										
computer crime	✓	✓		√			✓	✓		✓							
philosophical foundations of ethics	✓	✓					✓	✓				✓					
Recent topics: Code of ethics in organizations and Unethical Leadership	✓	✓	√	✓	✓	✓	✓	✓									✓
Toxic Workplace Culture. Discrimination and Harassment	✓	✓	√	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓

Learning Method /ILOs Matrix

Learning Methods	Knowledge and understanding				Intellectual skills			Professional and practical skills				General					
	a1	A2	A3	A4	b1	B2	B3	C1	C2	C3	C4	d1	d2	d3	D4	D5	D6
Lectures	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Exercises			√	√	✓		✓	✓				✓					
Reading material	√	√			✓		✓		✓	✓							
Websites search	√								✓	✓	✓			✓			
Research and reporting				√	✓	✓			✓	✓	✓		✓				
Problem solving					✓			✓							✓		
Group work	√					✓						✓	✓	✓	✓	✓	✓
Case study	√			√			✓			✓		✓		✓			
Discussions.	√			√	✓			✓	✓	✓		✓	✓	✓		✓	✓

Assessment Methods /ILOs Matrix

Assessment Methods	Knowledge & understanding				Intellectual skills			Professional & practical skills				General					
	a1	A2	A3	A4	b1	B2	B3	C1	C2	C3	C4	d1	d2	d3	D4	D5	D6
Midterm Exam	✓	✓	✓	✓	✓	✓	✓										
Final Exam	✓	✓	✓	✓	✓	✓	✓										
Presentation					✓			✓	✓	✓		✓	✓	✓		✓	✓
Course Work & Quizzes	✓			✓													
Case study	✓			✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓

Course ILOs Vs Program ILOs

Course ILOs		Knowledge & understanding				Intellectual skills			Professional and practical skills				General					
		A1	A2	A3	A4	B1	B2	B3	C1	C2	C3	C4	D1	D2	D3	D4	D5	D6
Knowledge and Understanding	a1																	
	a2																	
	a3																	
	a4																	
Intellectual skills	b1																	
	b2																	
	b3																	
Professional and practical skills	c1																	
	c2																	
	c3																	
	c4																	
General skills	d1																	
	d2																	
	d3																	
	d4																	
	d5																	
	d6																	

Course Coordinator ()
Head of Department : Dr. Ahmed El-Abbassy ()
Date: --/--/2023