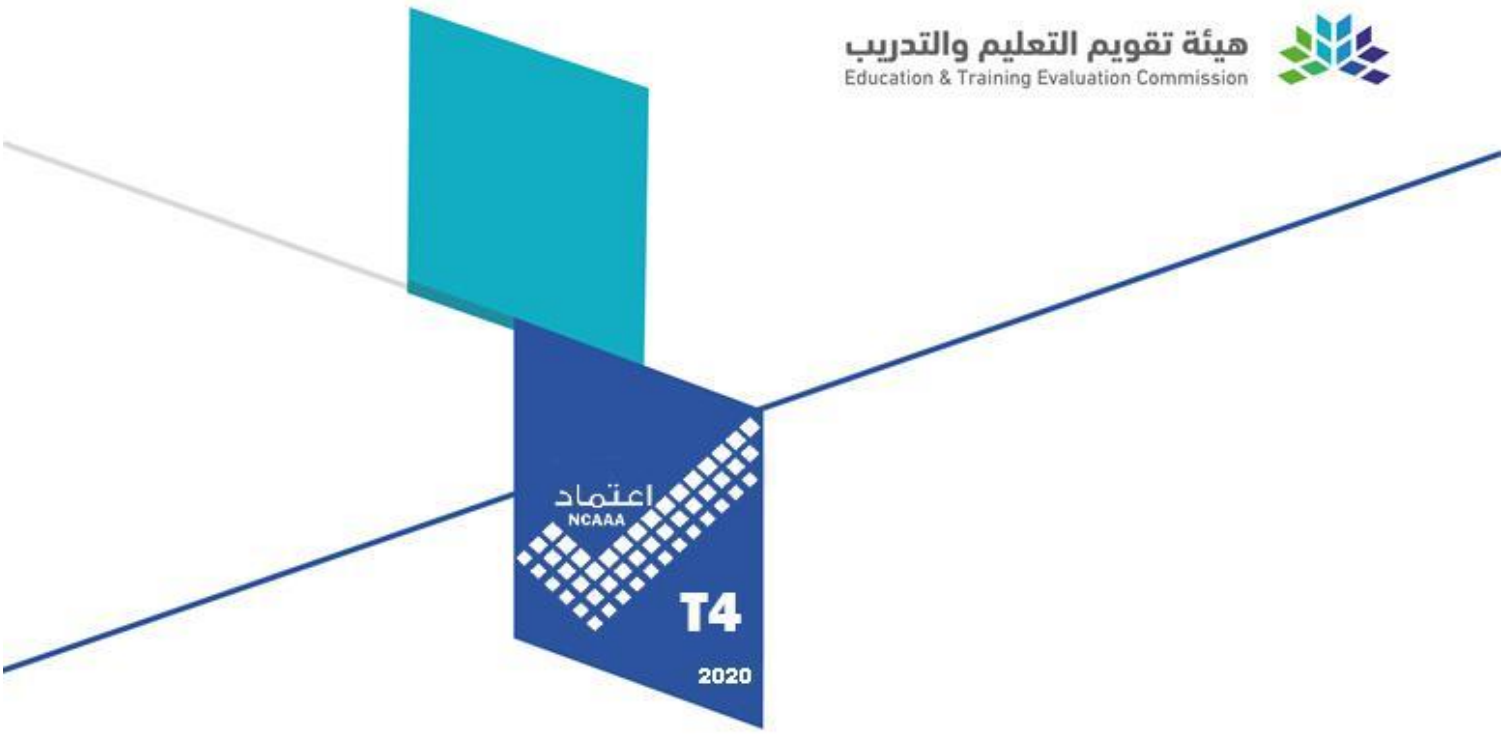
هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Course Specifications

Course Title:	Professional Ethics
Course Code:	500321-2
Program:	**Bachelor in Computer Science**
Department:	**Department of Computer Science**
College:	**College of Computers and Information Technology**
Institution:	**Taif University**

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A. Course Identification

1. Credit hours:2
2. Course type **a.** University ☐ College ☐ Department ☑ Others ☐ **b.** Required ☑ Elective ☐
3. Level/year at which this course is offered: 11/4
4. Pre-requisites for this course (if any)**: 2004414-2**
5. Co-requisites for this course (if any)**: NON**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	3	100%
2	**Blended**	0	0
3	**E-learning**	0	0
4	**Distance learning**	0	0
5	**Other**	0	0

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	30
2	**Laboratory/Studio**	0
3	**Tutorial**	0
4	**Others** (specify)	0
	Total	30

B. Course Objectives and Learning Outcomes

1. Course Description

The course intends to cover the computer crime (viruses, worms, Trojan horses, hacking) and the ways to implementing computer ethics (computer professionals and social responsibility). Also the software copyright, piracy, privacy, security, and civil liberties and some selected topics such: Philosophical Foundations of Ethics, Ethics, Ethical Dissent and Whistle-blowing. Monopolies and their Economic, Social and Ethical Implications. This course provides a general overview of the social and ethical issues in computing. Students will learn about the impacts on and implications of the development, management and use of technology in various aspects. Emphasis is given to the issues which are relevant to the field of Information Systems.

2. Course Main Objective

Appreciate the importance of ethics in computing through critically reflecting on major issues in computer ethics such as privacy, intellectual property and gender issues and

	understand the concept of different ethical theories and their impact on ethical analysisamong these various techniques and apply and implement learned algorithm design techniques and data structures to solve problems.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Explain and apply the basics of ethics for the field of computing.	K1
1.2	Become aware of ethical issues related to privacy, security, intellectual property, gender.	K1
2	**Skills :**	
2.1	Become able to involve in a managerial and decision-making with regards to computer ethical issues.	S1
2.2	Use some of the ethical theories to analyse ethical cases.	S2
2.3	Analyze ethical situations and suggest technological, organizational and societal solutions	S2
3	**Values:**	
3.1	Become familiar with professional and ethical responsibilities.	V2

C. Course Content

No	List of Topics	Contact Hours
1	An introduction to the course, teaching philosophy, other course-related issues General introduction: What is Computer/Information Ethics?	2
2	An introduction to ethical theories: What is ethics? Why be ethical?	2
3	Ethical theories (continue) A discussion on a computer ethics related case study	2
4	Computer hacking A discussion on a computer ethics related case study	2
5	Aspect of computer crime A discussion on a computer ethics related case study	2
6	Intellectual Property Rights A discussion on a computer ethics related case study	2
7	Regulating Internet content	2
8	Privacy A discussion on a computer ethics related case study	2
9	Computer Technology: accessibility issue A discussion on a computer ethics related case study	2
10	Empowering computers in the workplace A discussion on a computer ethics related case study	2
11	The use of artificial intelligence and expert system A discussion on a computer ethics related case study	4
12	The failure of It Projects A discussion on a computer ethics related case study	4
13	Code of Conduct	2
Total		30

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Understand and apply the basics of ethics for the field of computing.	Lecture Discussion Case study	Written Exams Quizzes Assignments
1.2	Become aware of ethical issues related to privacy, security, intellectual property, gender.	Lecture Discussion Case study	Written Exams Quizzes Assignments
2.0	**Skills**		
2.1	Become able to involve in a managerial and decision-making with regards to computer ethical issues.	Group Work Self-Learning	Written Exams Oral Presentation
2.2	Able to use some of the ethical theories to analyse ethical cases.	Discussion Brainstorming Group Work Case study	Written Exams Oral Presentation Quizzes
2.3	Able to analyse ethical situations and suggest technological, organisational and societal solutions	Lecture Discussion Brainstorming Self-Learning Case study	Written Exams Quizzes Assignments
3.0	**Values**		
3.1	Become familiar with professional and ethical responsibilities.	Discussion Brainstorming Self-Learning	Assignments Written Exams Quizzes

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm Exam	6	25%
2	Assignments and Quizzes	3,6	15%
3	Final Exam	12	60%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

Academic advising and counseling of students is an important component of teaching; student academic advising is a mandatory requirement of College of Computers and Information Technology (CCIT). Appropriate student advising provides support needed for the student during times of difficulty. In addition, it helps the student to build a close relationship with his/her advisor and to provide student motivation and involvement with the institution.

In addition, since faculty are usually the first to recognize that a student is having difficulty, faculty members play a key role in developing solutions for the students or referring them to appropriate services. Faculty members also participate in the formal student-mentoring program.

Additional counseling is provided by course directors, who provide students with academic reinforcement and assistance and refer "at risk" students to the Vice Dean for Academic Affairs and the Vice Dean for female section.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	* Duqueenoy, P, Jones, S, and Biundell` Ethical, Legal and Professional Issues in Computing",Pearson ,2008
Essential References Materials	NON
Electronic Materials	NON
Other Learning Materials	NON

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	• A Lecture room appropriate for maximum 25 students with a personal computer, a data show and a smart board. • A Lab room appropriate for maximum 15 students with a personal computer, a data show and a smart board.
Technology Resources (AV, data show, Smart Board, software, etc.)	• Lab materials and required software
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of Teaching	Students	Students' surveys and Student's course evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Improvement of Teaching	Course Coordinator	deficiencies based on the student Evaluation, faculty input, course file, and program assessment
Verifying Standards of Student Achievement	Curriculum Committee	• Review CAF (Course assessment file) • Alumni surveys. Periodic exchange and remarking of tests or a sample of assignments with staff at another

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	CS council
Reference No.	Meeting #12
Date	23-10-1443