ATTACHMENT 5.

T6. COURSE SPECIFICATIONS
(CS)

Institution: Al Yamamah University	Date:	13/9/ 2018
College/Department : Collage of Computer and Information Systems		

A. Course Identification and General Information

1. Course title and code: Computer Ethics - CIS 381
2. Credit hours: 3 hours
3. Program(s) in which the course is offered.   (If general elective available in many programs indicate this rather than list programs)
4. Name of faculty member responsible for the course   Ms. Taqwa Ahmed Alhaj
5. Level/year at which this course is offered: First year
6. Pre-requisites for this course (if any):   N/A
7. Co-requisites for this course (if any):   N/A
8. Location if not on main campus: Engineering Building
9. Mode of Instruction (mark all that apply):   a. traditional classroom   ✓   What percentage?   100%   b. blended (traditional and online)   What percentage?   c. e-learning   What percentage?   d. correspondence   What percentage?   f. other   What percentage?   Comments:

B Objectives

1. What is the main purpose for this course?
The course concentrates on the theory and practice of computer ethics. The aim of the course is to study the basis for ethical decision-making and the methodology for reaching ethical decisions concerning computing matters

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2. Briefly describe any plans for developing and improving the course that are being implemented. (e.g. increased use of IT or web based reference material, changes in content as a result of new research in the field)

- The instructor has adopted a "case study" approach with students designated to team[s], and given a challenging research area to explore related to the domain of Ethics and information technology
- Students are expected to develop their procedures and practices to analyze ethical issues in the technology industry
- distinct roles and job descriptions of Computer Professionals and their practices, to develop their knowledge and ethics in the field,
- All members of the team will undergo a performance evaluation of their work by their peers at the end of the research and in particular during presentation

C. Course Description (Note: General description in the form used in Bulletin or handbook)

This course will examine the ethical issues that arise as a result of increasing use of computers, and the responsibilities of those who work with computers, either as computer science professionals or end users. The course will stress the ways in which computers challenge traditional ethical and philosophical concepts, and raise old issues in a new way. Students will be expected to: read and understand the ideas in the readings; explain the ideas; analyze issues and see them from diverse perspectives; and formulate and critique arguments. The readings will include technical issues in computer science and may focus on a particular area such as software design as well as more traditional topics such as philosophical theories (e.g. ethical relativism, utilitarianism, deontological theories, rights, and virtue ethics), privacy, intellectual property rights and proprietary software, security, accountability, liability, the digital divide, hacking, and viruses.

1. Topics to be Covered

List of Topics	No. of Weeks	Contact hours
Introduction to Computer Ethics	1	2
Professional Ethics and Responsibility	2&3	4
Information Flow, Privacy and Surveillance	4&5	4
Error Failures and Risks	6	2
Ethics and Information Technology (Evaluating and Controlling)	7&8	4
Ethics in Work	9	2
Freedom of speech in Ethics	10&11	4
Digital Intellectual Property	12	2
Class Presentation +revision	13&14	4
Final Exam		

2. Course components (total contact hours and credits per semester):

		Lecture	Tutorial	Laboratory/ Studio	Practical	Other:	Total
Contact Hours	Planed	30					3
	Actual	2					2 hrs/week
Credit	Planed	2					2
	Actual	2					2

3. Additional private study/learning hours expected for students per week.

2 hrs

4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

On the table below are the five NQF Learning Domains, numbered in the left column.

First, insert the suitable and measurable course learning outcomes required in the appropriate learning domains (see suggestions below the table). **Second**, insert supporting teaching strategies that fit and align with the assessment methods and intended learning outcomes. **Third**, insert appropriate assessment methods that accurately measure and evaluate the learning outcome. Each course learning outcomes, assessment method, and teaching strategy ought to reasonably fit and flow together as an integrated learning and teaching process. (Courses are not required to include learning outcomes from each domain.)

Code #	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	**Knowledge** *After successful completion of the course students will be able to*		
1.1	Describe the importance of Computer Ethics as a Sociotechnical element and why does computer and Information technology raise ethical questions	• Lectures • Support Materials	• Written exams (quizzes, mid-term, and final exams) • Oral presentations • Group discussion Assignments
1.2	Describe existing ethical theories and ethical analysis and explain the Intellectual property and the various mechanisms of Software protection;		
2.0	**Cognitive Skills** *After successful completion of the course students will be able to*		
2.1	Analyze ethical issues and IT configured societies created by computer and information technology .	• Case Studies • Design specialized course work and assignments that promote critical thinking and ability to seek solutions. • Group discussion	• Oral Presentation exercises • Written exams • Practical assignment •
2.2	Solve problems related to protection of Privacy, Information flow and Surveillance using Traditional theories and contemporary methods		
3.0	**Interpersonal Skills & Responsibility** *After successful completion of the course students will be able to*		
3.1	Evaluate and describe ethical responsibility and ethical roles for computer professionals.	Lecture Group project	Assignments
4.0	**Communication, Information Technology, Numerical** *After successful completion of the course students will be able to*		
4.1	Critically question and defend decisions logically, and appreciate alternate points of view.	Group project	Oral Presentation
4.2	Demonstrate ability to write, discuss, debate well thought out research document in which you can communicate your ideas in the appropriate ways.	research written Reports, and group Presentations Debates	
5.0	**Psychomotor**		
5.1	NA		

5. Schedule of Assessment Tasks for Students During the Semester

	Assessment task (i.e., essay, test, quizzes, group project, examination, speech, oral presentation, etc.)	Week Due	Proportion of Total Assessment
1	Quizzes	4, 12	20%
2	Midterm exam	Week8	20%
3	Class presentation	Week 14	10%
4	Class work and assignment	Through the term	10%
5	Final exam	Week 15	40%

D. Student Academic Counseling and Support

1. Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week)
Teacher is supposed to be available to the his/her students during definite office hours;
The schedule of the office hours is posted on faculty office door.
Besides, the advisory hours in order to have individual student consultation/academic advice.

E Learning Resources

1. List Required Textbooks
Title: Ethics for the Information Age (**5th Ed**) Year 2014
Authored by: Michael J. Quinn
Published by: PEARSON
ISBN-13: 978-1-29202-544-5

2. List Essential References Materials (Journals, Reports, etc.)
 . Case Studies in Information Technology Ethics, 2nd e
  Richard A. Spinello, Boston College
  © 2003 / 0-13-009150-3 / Prentice Hall

3. List Electronic Materials, Web Sites, Facebook, Twitter, etc
The course web page includes all the material needed for the course. This includes the syllabus, the presentation slides, project requirements, lab material, and any other support material for the course.

All course content, grades, and assignment submissions will happen via YU website
https://lms.yu.edu.sa

4. Other learning material such as computer-based programs/CD, professional standards or regulation and software.
 Software :
Structural Query Language (SQL)

F. Facilities Required

Indicate requirements for the course including size of classrooms and laboratories (i.e. number of seats in classrooms and laboratories, extent of computer access, etc.)

1. Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)
   Lecture classroom

2. Technology resources (AV, data show, Smart Board, software, etc.)
   Overhead Projector
   Smart Board
   Internet connection

3. Other resources (specify, e.g. if specific laboratory equipment is required, list requirements or attach list)

G Course Evaluation and Improvement Processes

1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching

   During the course, students surveys that covers all aspects relating to their learning experience to collect their feedback about course materials and instructors. These forms will then analyzed by the Academic Advising and Counseling Department. Next, the Academic Advising and Counseling Department will conduct a meeting with the concerned faculty to discuss the students' feedback outcomes.

2. Other Strategies for Evaluation of Teaching by the Instructor or by the Department
   Peer review visits are normally conducted among faculties wherever possible during academic year. During the lecture time Chair (Head)/ Dean of the department visits the classroom. At the end of each visit, faculties are usually set together to discuss related issues.

3. Processes for Improvement of Teaching
   * Specialized workshops and seminars are conducted throughout academic year to address specific teaching strategies and improvements.
   * Feedbacks from students using different types of survey are discussed with faculty members to improve the teaching.

4. Processes for Verifying Standards of Student Achievement (e.g. check marking by an independent member teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution)
   * Comparing students' assignments and reports.
   * Statistical analysis of students' marks in progress and final tests.

5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.

Name of Course Instructor: Taqwa Ahmed Alhaj

Signature: _____ Date Specification Completed: 13/9/2018

Program Coordinator: _____

Signature: _____ Date Received: _____