NEU, Department of Computer Information Systems

Course Unit Title	Ethical & Social Issues in Information Systems
Course Unit Code	CIS 342
Type of Course Unit	Compulsory
Level of Course Unit	Bachelor"s degree
National Credits	3
Number of ECTS Credits Allocated	5 ECTS
Theoretical (hour/week)	2
Practice (hour/week)	1
Laboratory (hour/week)	2
Year of Study	3
Semester when the course unit is delivered	2
Course Coordinator	Umut ZEKİ
Name of Lecturer (s)	Umut ZEKİ
Name of Assistant (s)	-
Mode of Delivery	Lecturing
Language of Instruction	English
Prerequisites and co-requisites	
Recommended Optional Programme Components	Basic background on algorithms

Objectives of the Course:

Upon successful completion of the course the student should have to demonstrate knowledge of current models of information and computer ethics, apply ethical theories to interpret personal and group behavior when using a variety of information technology tools, evaluate the nature of ethical choices made by self and others when serving various roles that expose social and multicultural differences, construct written arguments in a variety of formats on the evolving nature of ethical norms relating to new technologies.

Learning Outcomes

	When this course has been completed the student should be able to	Assessment.
1	To teach students to develop general purpose complex Visual Basic programs.	1

Assessment Methods: 1. Written Exam, 2. Assignment 3. Project/Report, 4.Presentation, 5 Lab. Work

Course's Contribution to Program

		CL
1	Apply computer technology to address business information system needs.	5
2	Demonstrate a deeper understanding of at least one area of computing, such as programming, networking, technical support or web technology, enabling the student to gain employment in the information systems field.	5
3	Demonstrate critical thinking in understanding, evaluating and applying technology solutions to real life problems.	4
4	Demonstrate familiarity with e-commerce resources, tools, including web programming, publishing, database management tools.	5
5	Articulate ethical and professional standards to the use of computer information systems and computer based data.	4
6	Effectively use personal, interpersonal and communication skills in team work, time management in projects and self-learning.	5
7	Grow professionally through continuing education, research and development, and involvement in professional activities to recognize the need to engage in continuing professional development and lifelong learning.	5
8	Identify, analyze and develop solutions for information systems-related business problems/opportunities.	4
9	Demonstrate knowledge of current information, theories and models, and techniques and practices in all of the major business disciplines including the general areas in information technologies.	4

CL: Contribution Level (1: Very Low, 2: Low, 3: Moderate 4: High, 5:Very High)

Course Contents

Week	Chapter		Exams
1		History	
2		Introduction to Ethics	
3		Introduction to Ethics(Continue)	
4		Intellectual Property	
5		Intellectual Property(Continue)	
6		Privacy	
7			Midterm
8		Explanation of Term Project	
9		Quiz # 1 (From Chapter 1-4)	
10		Review for Midterm Exam	
11		Security	
12		Reliability	
13		Issues	
14		Quiz # 2 (From Chapter 6- 7 and Term Project Topic)	
15		Review for Final Exam	
16			Final

Recommended Sources

Textbook: Ethics For The Information Age, Michael J. Queen, 5TH Edition, Publisher: Addison Wesley

Supplementary Material (s): personal notes + Slides of Textbook

Assessment

Attendance & Assignment	10%	
Midterm Exam (Written)	20%	
Homework	10%	
Quiz (Written)	10%	
Final Exam (Written)	25%	
Project	25%	
Total	100%	

ECTS Allocated Based on the Student Workload

Activities	Number	Duration (hour)	Total Workload(hour)
Course duration in class (including the Exam week)	15	3	45
Tutorials	12	2	24
Assignments	9	1	9
Project/Presentation/Report Writing	1	18	18
E-learning Activities	-	-	-
Quizzes	2	1	2
Midterm Examination	2	1	2
Final Examination	1	2	2
Self-Study	16	3	48

Total Workload	==150==
Total Workload/30 (h)	==5==
ECTS Credit of the Course	==5==