

Course specification (1205 English (2))

Faculty:	<i>HICIT- Higher Institute for Computers & Information Technology-El Shorouk Academy</i>
Programme(s) on which the course is given:	Under graduate program in Computer Science
Major or minor element of programme:	Compulsory
Department offering the programme	Department of Computer Science
Department offering the course:	Department of Computer Science
Year / Class	1 st Year – 2 nd semester
Date of specification approval	1/8/2022

A- Basic Information

Title: English (2)	Code: 1205		
Weekly Hours:			
Lecture : 3	Exercise: 2	Practical :-	Total: 5

B- Professional Information

1 - Course Aims:

This course focuses on the Development of basic composition & reading skills. Reading materials must be chosen from technical sources including: principles of computer systems, including networks and communication , basic software, creative software, programming and computers tomorrow.

2- Program ILOs Covered by Course

Program Intended Learning Outcomes			
Knowledge and understanding	Intellectual Skills	Professional and practical skills	General and Transferable skills
A16	B4,B14	C4, C12, C13, C15, C19	D1, D8, D9, D10

3- Intended learning outcomes of course (ILOs)

a. Knowledge and understanding

- a1. Clarify a grasp of the principles of computer systems, including architecture, networks and communication. [A16]

a2. Identify the professional and ethical responsibilities of the practicing computer professional including understanding the need for quality. [A16]

b. Intellectual skills

b1. Analyze the requirements of a range of computer-based systems and examine the design alternatives based on the constraints imposed by society, organizations, and technology.[B4,B14]

c. Professional and practical skills

c1 Prepare and deliver coherent and structured verbal and written technical reports.[C13,C15]

c2 prepare technical presentations suitable for the time, place and audience.[C15,C19]

d. General and transferable skills

d1. cope with a team and write structural reports. [D1,D8,d9,d10]

4 -Contents:

Topic	Hours	Lec. Hours	Exc. Hours
The Internet and Email	5	3	2
The Web	5	3	2
Chat and Conferencing	5	3	2
Internet Security	5	3	2
Graphics and Design	5	3	2
Desktop Publishing	5	3	2
Multimedia	5	3	2
Web Design	5	3	2
Program Design And Computer Languages	5	3	2
Java	5	3	2
Jobs In ICT, Communication Systems	5	3	2
Networks, Video Games	5	3	2
Selected Topics	5	4	9

5 -Teaching and learning methods

Teaching and learning methods	Used
Active Learning	
Lectures(blending learning – online learning using virtual classroom)	√
Tutorial Exercises (hybrid learning – online learning)	√
Practical Lab(blending learning– online learning)	-
Exercises	-
Discussions.	-
Self – Learning strategy	
Reading material	√
Websites search	√
Research and reporting	√

Self-studies	√
Experimental strategy	
Group work	-
Presentation	√
Problem solving strategy	
Problem solving/problem solving learning based	√
Case study	-
Synchronous E-Learning	
Virtual lab	-
Virtual class	√
Chat Room	√
Video lectures	-
Asynchronous E-Learning	
E-Learning	√

6 -Student assessment methods

Methods	Assessment	Used
Electronic Midterm Exam	To assess the knowledge and understanding achieved by the student during the previous weeks. (online on e-learning hub)	√
Pencil-to-Paper Final Exam	To evaluate what the student gain at the end of the course, and to assess: the knowledge and understanding, general skills, and intellectual skills.	√
Course Project	To allow students work in team, and to evaluate knowledge, understanding, intellectual, and transferable skills. (online on e-learning hub , FTF)	-
Electronic Course Work & Quizzes	To keep the student always in the course, and to evaluate knowledge, understanding, intellectual, and transferable skills.(online on e-learning hub)	√
Practical Exam	to measure the ability of students to design and implement a software program(FTF).	-
Partipation	To assess the knowledge and understanding achieved by the student during the previous weeks.	√

Assessment Schedule

Assessment	Week #
Participation	3-14
Electronic Mid Term Exam	8
Final Exam	16
Electronic/ hard copy	-

Course Project	
Electronic/ hard copy Course Work &Quizzes	2-14
Practical Exam	-

Assessment Weight

Assessment	Weight %
Participation	10%
Electronic Mid Term Exam	
Final Exam	80%
Electronic / hard copy Course Project	-
Electronic/ hard copy Course Work &Quizzes	10%
Practical Exam	-
Total	100

- Course Work &Quizzes:
 - o Short Exams, Assignments, Researches, Reports, Presentations on e-learning hub
 - o Class/Project discussion in a virtual classroom

7 -List of references

-List of references

Essential books (text books)

- ERZHANOVA, ZHANNA BORISOVNA. "TEACHING ENGLISH WITH INFORMATION TECHNOLOGIES." *ACADEMY JOURNAL Учредителю: Open European Academy of Public Sciences Oü, Kudryashov AL 1* (2022): 23-28.
- Ellederová, Eva. "English for information technology." *Brno: VUT FEKT* (2016).
- Infotech, "English for Computer Users" Student's Book, 3rd Edition 2003, Santiago, Remacha Esteras, Cambridge University Press 2003
- Oct 3, 2013 - **Infotech English For Computer Users** (4th Ed.)
- Infotech english for computer users Students Book 4th Edition

Periodicals, website

PowerPoint presentations of all course materials
All labs material
[\[https://moodle.sha.edu.eg/course/view.php?id=2251\]](https://moodle.sha.edu.eg/course/view.php?id=2251)

8 -Required Facilities

To assess professional and practical skills given the following facilities:

a. Tools & SW (Technologies facilities):

- **Computer Classrooms: equipped with PC computer +Data show + Screen White board and colored pens.**
- **Microsoft TEAMS to create virtual classrooms for lectures, discussions for presentation**
- **portal(MOODLE) to make electronic quizzes and electronic midterm exam**
- **academy portal(MOODLE) to upload electronic material**

b. Teaching facilities:

	<i>Lecture</i>	<i>Class</i>	<i>Lab</i>
Whiteboard	Used	Used	-
Pc/laptop	Used	Used	-
Data show	Used	Used	-
Webinars	MS TEAMS	-	-
SocialMedia	Facebook Page for 1 st year	Facebook Page for 1 st year	-
ChatRoom	ChatTeams	-	-
Videos	MOODLE	-	-
Website	MOODLE	MOODLE	-

9 -Course Matrices

9-1 Course Contents/ILOs Matrix

Course Contents/ILOs Matrix

Course Contents	Knowledge & understanding				Intellectual skills				Professional and practical skills				General					
	a1	a2	a3	a4	b1	b2	b3	b4	c1	c2	c3	c4	d1	d2	d3	d4	d5	
The Internet and Email	X	X																
The Web		X																
Chat and Conferencing					X				X									
Internet Security	X																	
Graphics and Design	X	X			X				X	X								
Desktop Publishing	X	X			X				X	X								
Multimedia	X	X			X				X	X								
Web Design		X			X				X	X								
Program Design And Computer Languages		X			X													
Java		X			X													
Jobs In ICT, Communication Systems	X	X			X				X	X								
Networks, Video Games	X	X			X				X	X								
Selected Topics					X				X	X								

9-2 Learning Methods /ILOs Matrix

Learning Methods /ILOs Matrix

Learning Methods	Knowledge and understanding				Intellectual skills				Professional and practical skills				General				
	a1	a2	a3	a4	b1	b2	b3	b4	c1	c2	c3	c4	d1	d2	d3	d4	
Lectures	X	X			X				X	X							
Tutorial Exercises					X				X	X							
Reading material	X	X	X	X	X	X	X	X	X	X	X	X					
Websites search	X	X	X	X	X	X	X	X		X			X	X	X	X	X
Research and reporting	X	X	X	X									X	X			
Problem solving/problem solving learning based							X	X									
Group work									X	X	X	X	X	X	X	X	X

Practical Lab					X				X	X						
Discussions.					X				X	X			X			

9-3 Assessment Methods /ILOs Matrix

Assessment Methods /ILOs Matrix

Assessment Methods	Knowledge & understanding				Intellectual skills				Professional & practical skills				General				
	a1	a2	a3	a4	b1	b2	b3	b4	c1	c2	c3	c4	d1	d2	d3	d4	d5
Electronic Mid Term Exam	X	x			x				x	x							
Final Exam	X	x			x				x	x							
Electronic Course Project																	
Electronic Course Work & Quizzes	X	x			x				x	x			x				
Practical Exam																	

10- Course ILOs Vs Program ILOs

Prog ILOs Course ILOs		Knowledge & understanding	Intellectual skills		Professional and practical skills					General				
		A16	B4	B14	C4	C12	C13	C15	C19	D1	D8	D9	D10	
K&U	a1	√												
Int.	b1		√	√										
P. & P.	c1 c2				√	√	√	√	√					
General	d1									√	√	√	√	

Course coordinator: Dr Shaimaa Othman ()

Head of Department: Dr. Ahmed El-Abbassy ()

Date: 1/8/2022