

Course specification

(1105 English (1))

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	First Year/ First Semester
Date of specification approval	1/8/2022

A- Basic Information

Title: English 1	Code: 1105		
Weekly Hours:			
Lecture : 3	Exercise: 2	Practical : -	Total: 5

B- Professional Information

1- Course Aims:

In this course the students will be fully updated in line with the latest developments in Information Communications Technology, this course teaches students the language and skills they need to understand and work in the world of computers. A focus on terminology is combined with vocabulary and grammar practice to give students the tools to use English in areas such as describing features and functions, chatting online, applying for jobs and discussing the world of ICT.

2- Program ILOs Covered by Course

<i>Program Intended Learning Outcomes</i>			
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 Under-Standing:

- a1 Understand a grasp of the principles of computer systems, including architecture, network and communication [A16]
- a2 Study 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. [C12, C15]
- c2 prepare technical presentations suitable for the time, place and audience. [C4, C12, C13, C19]

d- General and transferable skills

- d1 cope with a team and write structural reports.[D1, D8, D9, D10]

4- Contents

Topic	Hours	Lec.	Exc/Lab
Computers today, computer applications	5	3	2
Computer essentials	5	3	2
Inside the system	5	3	2
Bits and bytes, buying a computer	5	3	2
Input/output device	5	3	2
Capture your favorite image	5	3	2
Viewing the output, choosing a printer	5	3	2
Input/output devices for the disabled	5	3	2
Storage devices	5	3	2
Magnetic drives and optical breakthrough	5	3	2
Basic Software	5	3	2
Operating Systems	5	3	2
Computers Communications	5	3	2
Selected topics	4	3	1

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).	-
Participation	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

6 -List of references

Essential books (text books)	<ul style="list-style-type: none"> - KABDUSHEVA, LYAILYA ZHUNUSBEKOVNA, and ZHANNA BORISOVNA ERZHANOVA. "TEACHING ENGLISH WITH INFORMATION TECHNOLOGIES." <i>SOCIAL SCIENCES 2</i> (2022): 58-64. - Esteras, Santiago Remacha. <i>Infotech: English for computer users</i>. Vol. 152. Cambridge university press, 2002. - Oct 3, 2013 - Infotech English For Computer Users (4th Ed.)
Course notes	- Teacher notes on English (1)
Recommended books	-
Periodicals, website	https://moodle.sha.edu.eg/course/view.php?id=1356

7- Required Facilities

To assess professional and practical skills given the following facilities:

- a. Tools & SW (Technologies facilities):
 - **Microsoft TEAMS to create virtual classrooms for lectures, discussions for project**
 - **Computer laboratories: equipped with suitable number of English consoles**
 - **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	MS TEAMS	-
Social Media	Facebook Page for 1 st year	Facebook Page for 1 st year	-
Chatroom	messenger	messenger	-
Videos	Stream-MOODLE	Stream-MOODLE	-
Website	MOODLE	MOODLE	-

8- Course Matrices

8.1- Course Content/ILO Matrix

Course Contents	Knowledge and understanding		Intellectual skills	Professional and practical skills		General
	a1	a2	b1	c1	c2	d1
Computers today, computer applications	√	√				
Computer essentials	√	√				
Inside the system	√	√				
Bits and bytes, buying a computer	√	√				
Input/output device	√	√	√	√	√	
Capture your favorite image	√	√	√	√	√	
Viewing the output, choosing a printer	√	√	√	√	√	
Input/output devices for the disabled	√	√	√	√	√	
Storage devices	√	√	√			
Magnetic drives and optical breakthrough	√	√	√			
Basic Software	√	√	√	√	√	
Operating Systems	√	√	√	√	√	
Computers Communications			√	√	√	
Selected topics			√	√	√	

8.2- Learning Method /ILOs Matrix

Course Contents	Knowledge and understanding		Intellectual skills	Professional and practical skills		General
	a1	a2	b1	c1	c2	d1
Lectures	√	√	√	√	√	
Tutorial Exercises			√	√	√	
Practical Lab			√	√	√	
Discussions.			√	√	√	√

8.3 Assessment Methods /ILOs Matrix

Course Contents	Knowledge and understanding		Intellectual skills	Professional and practical skills		General
	a1	a2	b1	c1	c2	d1
Midterm Exam	√	√	√	√	√	
Final term Exam	√	√	√	√	√	
Course Work & Quizzes	√	√	√	√	√	√

9. Course ILOs Vs Program ILOs

Course ILOs \ Prog 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	√											
	a2	√											
Int.	b1		√	√									
P. & P.	c1					√		√					
	c2				√	√	√		√				
General	d1									√	√	√	√

Course Coordinator: Dr. shimaa osman ()

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

Date: 1/8/2022