LH 131- ESP I

CREDIT HOURS
2 Hours

CONTACT HOURS (Hours/week)
Lecture: 2; Tutorial: 2

COURSE COORDINATOR
Dr Azza Hekal

TEXT BOOK:

- Bockner, K. and Brown, P. Charles. Oxford English for Computing; Oxford: Oxford University Press, 1996.
- Oshima, Alice. Writing Academic English, New York: Pearson Education, 2006.

COURSE DESCRIPTION:
The course aims at enhancing learners' four language skills, improving their general and technical lexical repertoire and preparing them to communicate their ideas effectively. The course is also designed to train learners to follow the principles and stages of the writing process and write academic paragraphs.

PREREQUISITE:
None

RELATION OF COURSE TO PROGRAM:
Required

COURSE INSTRUCTION OUTCOMES:
The student is able to listen and read strategies appropriately, communicate about a variety of technical topics orally, use basic computer terms and relevant general vocabulary meaningfully and accurately. In addition, the student is capable of applying word-formation rules of prefixation and suffixation, applying the stages of the writing process effectively, using some relevant grammatical structures, and write well-structured, unified and coherent paragraphs.

TOPICS COVERED:

- Orientation + Unit 1 (Personal Computing).
- Unit 1 (Personal Computing) + Unit 2 (Portable Computers).
- Unit 2 (Portable Computers).
- The process of academic writing.
- An overview of paragraph writing.
- Unit 3 (Suffixes) + Unit 4 (Programming and Languages) + Graded workshop.

- Unit 4 (Programming and Languages).
- Unit 5 (Computer Software).
- Unit 6 (Computer Networks)
- Unit 7 (Computer Viruses)
- Unit 8 (Computers in the Office).

CONTRIBUTION OF COURSE TO MEET THE REQUIREMSNTS OF CRITERION 5:

Professional Component Content			
Math and Basic Sciences	**Engineering Topics**	**General Education**	**Other**
			✓

RELATIONSHIP OF COURSE TO STUDENT OUTCOMES:

Student Outcomes		Course Outcomes
a.	An ability to apply knowledge of mathematics, science, and engineering.	
b.	An ability to design and conduct experiments, analyze and interpret data.	
c.	An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.	
d.	An ability to function on multi-disciplinary teams.	
e.	An ability to identify, formulate, and solve engineering problems.	
f.	An understanding of professional and ethical responsibility.	
g.	An ability to communicate effectively.	✓
h.	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal content	
i.	A recognition of the need for, and an ability to engage in life-long learning.	
j.	A knowledge of contemporary issues within and outside the electrical engineering profession.	
k.	An ability to use the techniques, skills, and modern engineering tools necessary for electrical engineering practice.	✓