LH 132- ESP II

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 enabling learners to decode technical discourse in English with ease and precision. The course is also designed to enhance the learners' oral production and academic writing.

PREREQUISITE:
LH 131 - ESP I

RELATION OF COURSE TO PROGRAM:
Required

COURSE INSTRUCTION OUTCOMES:
The student is able to use a variety of listening and reading strategies appropriately, communicate about numerous technical topics orally, use basic computer terms and relevant general vocabulary meaningfully and accurately. In addition, the student is able to apply word-formation rules of prefixation , suffixation and compounding, employ a variety of relevant grammatical structures and write academic essays and employment correspondence.

TOPICS COVERED:

- Unit 9 (Computers in Education).
- Paragraph writing (Concrete Support).
- Unit 10 (Computers in Medicine).
- Essay writing (Application).
- Unit 11 (Robotics)
- Summary writing.

- Unit 12 (Virtual Reality).
- Unit 13 (Machine Translation)
- CVs & letters of application
- Interviewing skills.
- Unit 14 (Multimedia).

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.	✓