



University/Academy: Arab Academy for Science and Technology & Maritime Transport

Faculty/Institute: College of Computing and Information Technology

Program: Computer Science / Information Systems / Software Engineering

**Form No. (12)
Course Specification**

1- Course Data

Course Code: LH136	Course Title: ESP2	Academic Year/Level: Year 1 / Semester 2
Specialization: Language and communication	No. of Instructional Units: 2 hrs lecture 2 hrs section	Lecture:

2- Course Aim	This course aims at enhancing the four major language skills of reading, listening, speaking and writing through exposure to computing and IT discourse. Thus, students should be able to read, listen to and comprehend English. They should also be able to use technical discourse effectively to communicate orally and produce academic essays.
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3- Intended Learning Outcome:	
a- Knowledge and Understanding	Students will be able to demonstrate knowledge of: <ul style="list-style-type: none">• Time clauses• Giving advice• Would word study: definitions and collocations• Predictions: Certainty expressions• Diagnosing a fault and giving advice• Cause and effect, causative verbs• Cause and effect using allow and prevent links• Phrasal verbs word study, semantic groups• Revision, if x then y, Do until, Do while• Requirements: need to, have to, must, be essential/ critical• Ability: can, could, be able to• Predictions: Future perfect and it in subject position

b- Intellectual Skills	<p><u>By the end of the course, the student acquires high skills and an ability to understand:</u></p> <p>I5. Make ideas, proposals and designs using rational and reasoned arguments for presentation of computing systems.</p> <ul style="list-style-type: none"> • Information transfer, listening and note-taking • Understanding the writers purpose • Listening for specific information • Reading for specific information • Listening for predictions and certainty • Information transfer from telephone call to form • Scanning • Reading a table • Listening for specific information • Reading and note-taking • Comparing different versions of a text • Listening for points of view
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c- Professional Skills	<p><u>By the end of the course the student will have the ability to:</u></p> <p>P10. Communicate effectively by oral, written and visual means. P12. Prepare and present seminars to a professional standard. P13. Prepare technical reports, and a dissertation, to a professional standard; use IT skills and display mature computer literacy. (Equivalent to P13 in IS dept & P13 and P21 in SE dept)</p> <ul style="list-style-type: none"> • Describing a process • Exchanging information and evaluating • Exchanging information and advising • Exchanging information to complete a diagram and describing a system • Giving advice on technical problems • Reporting a problem • Exchanging information • Explaining a computer crime • Exchanging explanations • Describing how a system operates • Role play • Writing a short news item • Exchanging information and options • Describe advantages and disadvantages • Asking targeted questions • Writing a CV • Making a presentation • Writing a report • Persuading others to your point of view • Writing a summary
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d- General Skills	<p>Students will be able to:</p> <p>G1. Demonstrate the ability to make use of a range of learning resources and to manage one's own learning.</p> <p>G4. Use an appropriate mix of tools and aids in preparing and presenting reports for a range of audiences, including management, technical, users, industry or the academic community.</p> <p>G6. Reveal communication skills, public speaking and presentation skills, and delegation, writing skills, oral delivery, and effectively using various media for a variety of audiences.</p>																
4- Course Content	<table border="1" data-bbox="531 465 1444 918"> <thead> <tr> <th>#</th> <th>CLO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Increase their stock of essential computing and IT vocabulary.</td> </tr> <tr> <td>2</td> <td>Read authentic technical texts effectively and apply essential reading skills.</td> </tr> <tr> <td>3</td> <td>Employ different Language functions and grammatical structures.</td> </tr> <tr> <td>4</td> <td>Use technical terms to produce varied tasks.</td> </tr> <tr> <td>5</td> <td>Listen to interviews, discussion and lectures on computing and IT topics for gist and specific information and also take down notes.</td> </tr> <tr> <td>6</td> <td>Write coherent and well-developed essays.</td> </tr> <tr> <td>7</td> <td>Engage in discussions and different speaking activities.</td> </tr> </tbody> </table>	#	CLO	1	Increase their stock of essential computing and IT vocabulary.	2	Read authentic technical texts effectively and apply essential reading skills.	3	Employ different Language functions and grammatical structures.	4	Use technical terms to produce varied tasks.	5	Listen to interviews, discussion and lectures on computing and IT topics for gist and specific information and also take down notes.	6	Write coherent and well-developed essays.	7	Engage in discussions and different speaking activities.
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5- Teaching and Learning Methods	Lectures, Labs, Individual study & self-learning.																
6- Teaching and Learning Methods for Students with Special Needs	<ul style="list-style-type: none"> • Students with special needs are requested to contact the college representative for special needs (currently Dr Hoda Mamdouh in room C504) • Consulting with lecturer during office hours. • Consulting with teaching assistant during office hours. • Private Sessions for redelivering the lecture contents. <p>For handicapped accessibility, please refer to program specification.</p>																
7- Student Assessment:																	
a- Procedures used:	Exams and classwork																
b- Schedule:	<p>Week 7 exam</p> <p>Week 12 exam</p> <p>Week 16 Final exam</p>																
c- Weighing of Assessment:	<p>7th week exam 30%</p> <p>12th week exam 20%</p> <p>Term work 10%</p> <p>Final exam 40%</p>																
8- List of References:																	

a- Course Notes	From the Moodle on www.aast.edu
b- Required Books (Textbooks)	Glendinning, Eric H, and John Mc Ewan. <i>Oxford English for Information Technology</i> . Oxford University press, 2002.
c- Recommended Books	Oshima, Alice and Ann Hogue. <i>Writing Academic English</i> . Addison-Wesley publishing company, 1991.
d- Periodicals, Web Sites, ..., etc.	

Course Instructor:

Head of Department:

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