Course Title:	**. English for specefic purpuses 1**
Course Code:	LAC 351
Program:	Master Degree In Computer Engineering
Department:	Computer Engineering
Course coordinator:	Dr. Rim Raddadi
Institution:	Private Higher School of Engineers of Gafsa (ESIP)

A. Course Identification

1. Credit hours: 2(1-0-1)
2. Course type **a.** College ☐ Department ■ Others ☐ **b.** Fundamental ■ Transversal ☐ Optional ☐
3. Level/year at which this course is offered: 5/5
4. Pre-requisites for this course (if any): LAC151, LAC161
5. Co-requisites for this course (if any)**:** .....

1. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	.....	.....
2	**Blended**	22.5	%100
3	**E-learning**	.....	.....
4	**Distance learning**	.....	.....
5	**Other**	.....	.....

2. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	
2	**Laboratory/Studio**	.....
3	**Tutorial**	20.5
4	**Others** (specify) exam	.2.....
	Total	22.5.....

B. Course Objectives and Learning Outcomes

1. <u>Course Description</u>

This course is designed to enhance the English language proficiency of engineering students, with a specific focus on computer engineering. It covers technical vocabulary, reading comprehension, and communication skills relevant to the field of computer engineering. Through a variety of exercises and real-world applications, students will improve their ability to understand and produce technical documentation, engage in professional communication, and collaborate effectively in an international engineering environment Topics to be considered are compture technology and computer components

This course is student centered and incorporates the 21st century skills in the ELT (English Language Teaching) classrooms, hence, creativity, collaboration, critical thinking, and communication are essential components of the learning process.

2. Course Main Objective

By the end of this course learners would be able to:

- understand and use technical vocabulary related to computer processors.
- analyze and summarize technical texts about different operating systems and their functionalities.
- discuss and present on the features and advantages of various operating systems.
- read and interpret documentation on network design and protocols.
- explain and demonstrate network configuration processes in a professional context.
- discuss and present security strategies and best practices.
- to communicate effectively about computer graphics in both written and oral formats.

1. Course Learning Outcomes

CLOs		Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Demonstrate an advanced understanding of computer science engineering principles, and apply this knowledge to assure an effective English communication	K1
1.2	Collecting and analyzing data	K2
2	**Skills**	
2.2	Effectively communicate findings through oral presentations. Collaborate with diverse teams, demonstrate leadership skills, and work effectively in multidisciplinary environments to accomplish project goals.	PLOS2
2.3	Demonstrate team working skills, and project management skills to face real life situations and to meet labor market requirements.	PLOS3

C. Course Content

No	List of Topics	Contact Hours
1 computing	- Personal computing:The processor - Portable computing: Operating system	5
2 Computer network	- computer network - network configuration - computer viruses - computer security	5.5
3 Virtual reality	- V R input devices - AI and expert systems	5

4 Multimedia and marketing prediction	- Computer-to- video conversation - Making predictions - Computer Graphics	5
End of term exam		2
Total		22.5

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Demonstrate an advanced understanding of computer science engineering principles, and apply this knowledge to assure an effective English communication	ESA	Formative assessement Exercise Quizes
1.2	Collecting and analyzing data	TBL PBL	Formative assessement Exercise Quizes
2.0	**Skills**		
2.2	Effectively communicate findings through oral presentations. Collaborate with diverse teams, demonstrate leadership skills, and work effectively in multidisciplinary environments to accomplish project goals.	PPP Flipped lessons Role Plays	Formative assessement Peer Review Immediate/ delayed fb
2.3	Demonstrate team working skills, and project management skills to face real life situations and to meet labor market requirements.	PPP PBL Role plays	Peer Review Immediate/ delayed fb Homework assignments

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Practical Work (written or oral)	weekly	00%
2	Quizzes, Homework assignments	Random	00%
3	First mid Term	7	00%
4	Final Exam	16	100%

E. Student Academic Counselling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:
- Office hours - Blackboard interface - Academic advisor - Bibliot.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Keith, B. Charles Brown, B. Oxford English for computing. Oxford University Press: Oxford. 1993.
Essential References Materials	William, I. English for Science and Engineering. Heinle ELT. 2006.
Electronic Materials	you tube British Council website
Other Learning Materials	.....

1. Facilities Required

Item	Resources
Accommodation	**Classroom board** **Computer lab with the necessary software** **Internet access**
Technology Resources	**Data projector**

A. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment.	Students, course coordinator, Alumni, Employers	Direct/Indirect
Extent of achievement of course learning outcomes.	Faculty, Program Leaders, quality department	Direct
Quality of Learning resources	Faculty, Program Leaders,	Direct, Indirect

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Teaching and learning quality and effectiveness.	Students, Faculty Program Leaders,	Direct, Indirect

B. Specification Approval Data

Council / Committee	Computer Engineering Council
Date	11/09/2023