

TISHK INTERNATIONAL UNIVERSITY
FACULTY OF EDUCATION
Department of PHYSICS EDUCATION,
2022-2023 Spring
Course Information for PHYS 244 TECHNICAL ENGLISH

Course Name:	TECHNICAL ENGLISH				
Code	Regular Semester	Theoretical	Practical	Credits	ECTS
PHYS 244	4	3	-	3	3
Name of Lecturer(s):	Muhammad Hisham				
Teaching Assistant:	---				
Course Language:	English				
Course Type:	Main				
Office Hours	9-10				
Contact Email:	muhammad.hisham@tiu.edu.iq				
	Tel:07503830159				
Teacher's academic profile:	PhD in Applied and Engineering Physics				
Course Objectives:	The course aims to: -Improve students communication in the scientific aspect. -Read and understand simple texts and a range of high frequency vocabulary in context. - Teach students how to analyse graphs and how to prepare a lab report following standard procedures. -Build up students skills to be familiarized with the scientific knowledge (reading, listening and writing). -write sentences and paragraphs of familiar topics.				
Course Description (Course overview):	This course originally designed to improve the students' vocabulary and employ the words appropriately in different professional contexts and to develop suitable reading strategies, which is adapted for reading and understanding physics/science-related texts. Also, this course is aimed to provide an understanding of academic and professional writing and persuades the students to speak effectively in English.				

COURSE CONTENT

Week	Hour	Date	Topic
1	3	29/1-2/2/2023	registration
2	3	5-9/2/2023	introduction to the course
3	3	12-16/2/2023	Why Technical English (aims and importance)
4	3	19-23/2/2023	Vocabs in technical english
5	3	26/2-2/3/2023	Technical English for Graphs and Charts interpretation
6	3	5-9/3/2023	Technical English for Reading Skill
7	3	12-16/3/2023	Technical English for Writing Skill
8	3	19-23/3/2023	Tences in technical ehglish
9	3	26-30/3/2023	Technical English for Presentation Skills
10	3	2-6/4/2023	Midterm Exam
11	3	9-13/4/2023	Technical English: Grammar
12	3	16-20/4/2023	Physics Vocabulary
13	3	23-27/4/2023	Describing Physics Phenomenon
14	3	30/4-4/5/2023	Formal and Informal phrases
15	3	7-11/5/2023	summarizaing Physics phenomena
16	3	14-18/5/2023	Writing essay in technical english
17	3	21-25/5/2023	Analysing scientific graphs
18	3	28/5-1/6/2023	Final Exam
19	3	4-8/6/2023	Final Exam

COURSE/STUDENT LEARNING OUTCOMES

1	Students can ask for, provide, and write personal information, incorporating correct spelling, punctuation and capitalization.
2	Students would be able to listen, write, read and communicate in a scientific approaches.
3	Students would be able to extract and record simple information such as name, time of day and job from a conversation.

COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES

(Blank : no contribution, I: Introduction, P: Profecient, A: Advanced)

Program Learning Outcomes	Cont.
1 Discuss concepts and principles of physics.	
2 Conduct proper experiments safely and interpret the data in physics teaching physics.	
3 Use the results of recent education and subject-specific developmental research when designing, implementing and justifying their own practice as a teacher.	

4	Apply analytical and theoretical skills to model and solve physics problems.		
5	Identify students' misconceptions and deal with them in classroom.	I	
6	Prepare physics lessons with appropriate learning materials and teaching methods.	I	
7	Effectively assess, plan, teach, organize, and manage physics classrooms.	I	
8	Use appropriate methods and techniques to improve students' critical thinking, creative thinking and problem-solving skills in physics.		
9	Use required modern methods and techniques for student-centered teaching by considering individual and cultural differences of students.		
10	Effectively use a variety of teaching technologies and techniques and classroom strategies to foster student learning.	I	
11	Communicate effectively and work collaboratively within the context of a global society.		
12	Exhibit character and decision-making skills embodying professionalism and ethical behavior.		
Prerequisites (Course Reading List and References):	References: 1. General English for University students: Terry Philips and Anna Philips with Nicholas Regan 2. Educational material		
Student's obligation (Special Requirements):	-Regularly attend the class to acquire the information that drive them to success. Excessive absences will prevent students from understanding this course.-Actively participate within required class activities. - Obtain a notebook to record important information; grammar rules, examples, contexts of usage, new vocabularies, learning resources, etc.. Complete homework and other assignments on time working independently and self-correcting.		
Course Book/Textbook:	References: General English for University students: Terry Philips and Anna Philips with Nicholas Regan		
Other Course Materials/References:	Educational videos and books		
Teaching Methods (Forms of Teaching):	Lectures, Presentation, Project, Assignments, Homeworks, ,		
COURSE EVALUATION CRITERIA			
Method	Quantity	Percentage (%)	
Participation	1	5	
Homework	4	5	
Project	1	10	
Midterm Exam	1	20	
Presentation	1	5	
Final Exam	1	40	
Total		100	
Examinations: Essay Questions, Fill in the Blanks, Short Answers, Matching, , ,			
Extra Notes:			
ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD			
Activities	Quantity	Workload Hours for 1 quantity*	Total Workload
Theoretical Hours	19	3	57
Practical Hours	19	0	0
Final Exam	1	40	40
Participation	1	5	5
Homework	4	5	20
Project	1	20	20
Midterm Exam	1	10	10
Presentation	1		0
Total Workload			152
ECTS Credit (Total workload/25)			6

Peer review

Signature:
Name:
Lecturer

Signature:
Name:
Head of Department

Signature:
Name:
Dean