Course Specification

(Bachelor)

Course Title:	**Terminology and scientific writing**
Course Code:	**PHYS26291**
Program:	**Physics**
Department:	**Department of physics**
College:	**Sciences**
Institution:	**University of Bisha**
Version:	**1444**
Last Revision Date:	**30 August 2023**

Table of Contents

A. General information about the course:

Course Identification					
1. Credit hours:	1				
2. Course type					
a.	University ☐	College ☐	Department☒	Track☐	Others☐
b.	Required ☒	Elective☐			
3. Level/year at which this course is offered:	2nd Year, 4th Level				
4. Course General Description: The goal of the course is to increase students' proficiency with Academic and Scientific English and to promote their vocabular English in Earth, space, physics sciences. It gives students a few key areas of scientific vocabulary, which this course covers. This includes learning how to improve appropriate vocabulary, become familiar with terminology used in the relevant scientific English. In general, it helps students acquire the language and abilities they need to be successful in their physical programs. It incorporates scientific terminology along with all language skills, including knowing, speaking, writing, listening, and reading.					
5. Pre-requirements for this course (if any): NA					
6. Co- requirements for this course (if any): NA					
7. Course Main Objective(s) Recognize the basics of physics vocabulary.					

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	1	100%
2.	E-learning		
3.	Hybrid • Traditional classroom • E-learning		
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	15
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	
5.	Others (specify)	

	Total	15

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Recognize the basics of physics vocabulary.	K.4	Lecturing. Presentation.	Written test Reports Homework Quizzes
2.0	Skills			
2.1	Reading the physics vocabulary.	S.3	Lecturing. Presentation.	Written test Reports Homework Quizzes Oral tests.
2.1	Writing physics vocabulary.	S.3		
2.2	Communicate positively with others.	S.3	Presentation Work group	Reports Presentation
3.0	Values, autonomy, and responsibility			
3.1	Exhibit self-learning skills independently.	V.1	Self-learning	Reports Presentation

C. Course Content

No	List of Topics	Contact Hours
1.	Unit 1: Earth and space Sciences vocabulary	2
2.	Unit 2: Solar System vocabulary	2
3.	Unit 3: Physical science vocabulary	3
4.	Unit 4: Matter vocabulary	2
5.	Unit 5: Electrical charges vocabulary	2
6.	Unit 6: Chemistry vocabulary	2
7.	Unit 7: Periodic table vocabulary	2

Total	15

Table: The matrix of consistency between the content and the learning outcomes of the course.

	Course Learning Outcomes				
	1.1	2.1	2.2	2.3	3.1
Topic 1	√	√	√	√	√
Topic 2	√	√	√	√	√
Topic 3	√	√	√	√	√
Topic 4	√	√	√	√	√
Topic 5	√	√	√	√	√
Topic 6	√	√	√	√	√
Topic 7	√	√	√	√	√
Topic 10	√	√	√	√	√

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Homework, quizzes, reports, and presentation.	1: 15	10 %
2.	First term exam	7: 8	20 %
3.	Second term exam	12:13	20 %
4.	Final exam	End of Semester	50 %

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	• Denise Redington, NH Bureau of adult education Grant.
Supportive References	• Phillips, Terry. Technical English Course Book. Garnet Education. • Jacques, Christophe. Technical English. Pearson Publishing.
Electronic Materials	• Technical English Course Book. Garnet Education. CD
Other Learning Materials	• Blackboard Online Activities. • English Language Learning Webpages and apps.

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Teaching classrooms
Technology equipment (projector, smart board, software)	Data show or smart board..
Other equipment (depending on the nature of the specialty)	NA

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Teachers, students.	Indirect (Questionnaire)
Effectiveness of Students assessment	Teachers, students.	Indirect (Questionnaire).
Quality of learning resources	Teachers, students.	Indirect (Questionnaire).
The extent to which CLOs have been achieved	Teachers, students.	Direct (Final exams), Indirect (Questionnaire).
Quality of facilities available	Teachers, students.	Indirect (Questionnaire).
Fairness of evaluation	Peer reviewer.	Direct (Final exams reevaluation).

G. Specification Approval Data

COUNCIL /COMMITTEE	College of Science Council
REFERENCE NO.	20
DATE	17 August 2023