Kingdom of Saudi Arabia
Ministry of Education
Prince Sattam Bin Abdulaziz University
College of Science & Humanities
The Department of English & Literature

المملكة العربية السعودية
وزارة التعليم
جامعة الأمير سطام بن عبدالعزيز
كلية العلوم والدراسات الإسلامية
قسم اللغة الإنجليزية وآدابها

وصف المقرر
Course Description

Course Code: ENGL1604	الرمز والرقم: نجم 1604
Course Title: English for Technical Purposes	أسم المقرر: اللغة الإنجليزية للتخصصات العلمية
Credit Hours: 3	الوحدات الدراسية: 3
Level: 3	المستوى: 3
Prerequisites: None	متطلب سابق: لا يوجد

Course Description:

The course introduces reading, writing, speaking, and listening of English for the special purposes required of students in the disciplines of science and technology. Students discuss, read, and write to improve their vocabulary, spoken and written responses to specialized texts used in science and technology. Students learn to identify and create these specialized texts, spoken and written, from a wide variety of technological fields and practical situations. Students also learn to use a wide range of technical and scientific vocabulary in this course.

Course Objectives & Learning Outcomes:

The main objective of this course is to prepare students of science and technology to be good communicators and active users of the English language, ready to explain and understand technical issues by making use of specific vocabulary.

The main learning outcomes for students enrolled in the course can be summarized in the following:

This course is designed to enhance students' proficiency in scientific communication by first enabling them to define and comprehend specialized terminologies and jargon. Through practical exercises, students will develop the ability to accurately match and select the right technical words, phrases, and meanings from given variables. The course also focuses on labeling gadgets, scientific systems, and structures, emphasizing the application of language tools in technical situations. Students will gain insight into differentiating between parts of speech and their forms in both oral and written technical expressions. Moreover, the course encourages proactive participation in collaborative settings, fostering effective engagement in pairs, groups, or classroom environments.

4. Course Textbook:

Sydes, J. (2010): Tech Talk, Intermediate, Second Edition, Oxford University Press.

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

T-104
2022

Course Specification

Course Title:	**English for Technical Purposes**
Course Code:	**ENGL1604**
Program:	**Bachelor in Science**
Department:	**Department of English Language and Literature**
College:	**College of Sciences and Humanities**
Institution:	**Prince Sattam bin Abdulaziz University**
Version:	**T-104- 2022**
Last Revision Date:	**October 1st 2023**

Table of Contents:

A. General information about the course:

Course Identification
1. Credit hours: 3
2. Course type
a. University ☐ College ☒ Department☐ Track☐ Others☐
b. Required ☒ Elective☐
3. Level/year at which this course is offered: Level 2, First Year
4. Course general Description

The course introduces reading, writing, speaking, and listening of English for the special purposes required of students in the disciplines of science and technology. Students discuss, read, and write to improve their vocabulary, spoken and written responses to specialized texts used in science and technology. Students learn to identify and create these specialized texts, spoken and written, from a wide variety of technological fields and practical situations. Students also learn to use a wide range of technical and scientific vocabulary in this course.

5. Pre-requirements for this course (if any): none

6. Co- requirements for this course (if any): none

7. Course Main Objective(s)

The main objective of this course is to prepare students of science and technology to be good communicators and active users of the English language, ready to explain and understand technical issues by making use of specific vocabulary.

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	6	% 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	48
2.	Laboratory/Studio	--
3.	Field	--
4.	Tutorial	--
5.	Others (Exercises)	48
	Total	96

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	Define scientific terminologies and jargon of specific nature.	K1	- Instructions - Pair and group work - task based exercises	-Written & Online assessments (tests/finals/homework)
1.2	Match/select correct technical words/phrases/meanings from a set of variables.	K2	--Instructions - Pair and group work - task based exercises	-Written & Online assessments (tests/finals/homework)
1.3	Label gadgets and scientific systems and structures.	K3	--Instructions - Pair and group work - task based exercises	- Written & Online assessments (tests/finals/homework)
2.0	Skills			
2.1	Apply the understanding of tools of language appropriately in technical situations	S1	--Instructions - Pair and group work - task based exercises	- Written & Online assessments (tests/finals/homework)
2.2	Differentiate between parts of speech and their forms in technical expressions, oral and written.	S2	--Instructions - Pair and group work - task based exercises	- Written & Online assessments (tests/finals/homework)
3.0	Values, autonomy, and responsibility			
3.1	Participate proactively in pairs or groups or class environment	V3	- Teamwork -Discussions -Imaginative strategy	-Teacher observation -presentations

C. Course Content

No	List of Topics	Contact Hours
1.	UNIT 1: WHAT'S UP? • Jobs: Present Simple vs. Present continuous and Present Perfect (How long have you been working here?) • Emails: Openings and closings	6
2.	UNIT 2: TELL ME ABOUT IT. • Specifications: Measurement and dimension vocab question forms • Features And Benefits: Technical vs. persuasive description	6
3.	UNIT 3: WHAT'S NEXT? • Giving Instructions Sequences; first, then, next, after that, when, once • MECHANISMS: Relative Clauses Which and that Machine part vocab. REVIEW AND REMEMBER 1 • Jobs and how does it work/size and distance	6
4	UNIT 4: HOW'S IT DONE. • Describing fixes: Repair vocab. Explaining processes: Active vs. passive and past passive forms	6
5.	UNIT 5: WHERE ARE YOU? • Welcoming Greetings Visitors: and farewells, Requests, offers, apologies. • Tracking Quantifiers: Much, Many, a lot of, too many, plenty of, several both… Countable Vs. Uncountable Nouns: Little vs. few	6
6.	UNIT 6: LOOKING AHEAD • Planning: First conditional, if, unless, in case. • Making Comparisons: More/less/fewer than. • Intensifiers: Much/far/ a lot …. REVIEW AND REMEMBER 2 • Processes, socializing and carbon footprint	6
7.	UNIT 7: CAN YOU EXPLAIN? • Rules And Regulations Can/can't/must/mustn't …don't have to • Equipment Documentation Locating information in a manual Noun phrases.	6
8.	UNIT 8: TAKE CARE • Causes And Results: Cause effect verbs; Negative prefixes Reporting accidents, Past simple vs. past continuous	6
9.	UNIT 9: LETS IMAGINE: • Materials: Properties vocab. Would and could • INVENTIONS • Mixed conditionals	6

	• First vs. second conditional REVIEW AND REMEMBER 3 • Future possibilities	
10.	UNIT 10: EXPLAINING HOW • Chemical Reactions Vocab Prepositions • MAKING CONVERSATION • Active Listening Strategies Used to do vs. Used to doing	6
11.	UNIT 11: WHAT DO YOU THINK? • Making Predictions Expressing certainty and uncertainty • Weighing Alternatives Gradable and un-gradable adjectives	6
12	UNIT 12: WHAT'S THE PROBLEM? • HANDLING COMPLAINTS: • Providing explanations and making promises • Mitigating language seems, appears, looks, sounds - Pages 54-55 DESCRIBING DAMAGE: Go/get/become + (adjective) • Damage vocabulary: bent, clogged, rusty, cracked, etc. - Pages 56-57 Review and Remember 4 • Prepositions plus –ing • Damage and how does it work? - Pages 58–59	6
13	UNIT 13: WHAT HAVE YOU DONE? • SKILLS AND EXPERIENCE: • Present Perfect vs. Past Simple: finished actions - Pages 60–61 • REPORTING PROGRESS: • Mixed passive forms: has been done/ has to be done/ can't be done/ should be done/ is being done - Pages 62–63	6
14	UNIT 14: WHAT'S THAT EXACTLY? • TECHNICAL WRITING: • Punctuation and Capitalization • Making corrections and improvements on written drafts - Page 64–65 • MEASUREMENTS AND CONVERSIONS: • Saying calculations, saying results and approximations - Pages: 66–67	6
15	UNIT 15: WHERE DOES IT GO? DESCRIBING LOCATIONS: • Direction expressions: heads north, veers to the left, runs parallel to, gets between, etc. - Pages 68– 69 • GETTING ORGANIZED • Multi-part verbs: clean up, hold onto, come up with, get rid of, etc. - Pages 70–71 REVIEW AND REMEMBER 5 • Converting measurements and what's happened? / Prepositions - Pages 72-73	6
16	Revision	6

Total	96

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (In week no)	Percentage of Total Assessment Score
1.	Midterm	9 th - 10 th week	20 %
2.	Final Project	15 th week	10%
3.	Final Exam	19 th - 20 th week	50 %
4.	Quizzes	Tri-weekly	10%
5.	Homework	Tri-weekly	5%
6.	Participation	Daily	5 %
	TOTAL		100%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	- Tech talk – Oxford University press intermediate student's book. By Vicki Hollett. - Tech Talk Workbook
Supportive References	- Multilingual and Monolingual technical dictionaries
Electronic Materials	- Use of blackboard - Kahoot website www.kahoot.com)
Other Learning Materials	Pamphlets, handouts on various technical subjects, topics for general reading and vocabulary improvement

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classrooms should be large enough to accommodate 30 students and equipped with a projector
Technology equipment (projector, smart board, software)	- Wireless Internet to access online learning resources. -Smart boards, speakers, audio and video components, computers, headphones.

Items	Resources
Other equipment (depending on the nature of the specialty)	-Reasonable collection of language learning related audio-video materials.

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	• Peer Reviewer observation. • Students	Course evaluation survey on students
Effectiveness of students' assessment	Independent member teaching staff	Check marking by an independent member teaching staff of samples of student work.
Quality of learning resources	Students	Survey
The extent to which CLOs have been achieved	Developmental quality unit	Learning outcomes assessment
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE