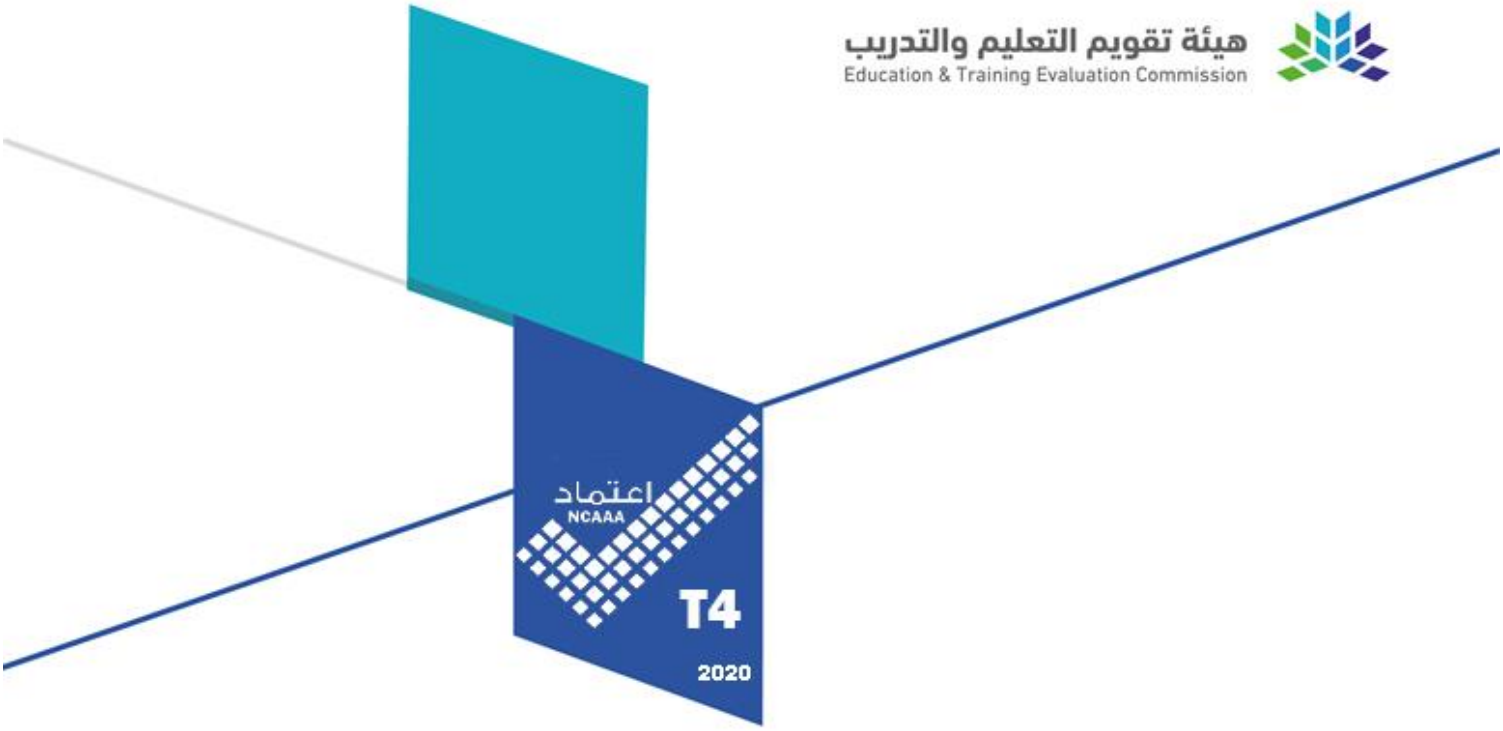
هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Course Specifications

Course Title:	English for Engineering and Science Majors
Course Code:	(PENG123)
Program:	Bachelor's Degree in Engineering, Bachelor's Degree in Computer Science.
Department:	English Department
College:	Deanship of Common First Year
Institution:	Majmaah University

- Table of Contents

- A. Course Identification

1. Credit hours:	2 Hours
2. Course type	
a. University ☐ College ☐ Department ☑ Others ☐	
b. Required ☑ Elective ☐	
3. Level/year at which this course is offered:	Bachelor Students in all Departments
4. Pre-requisites for this course (if any)**:**	
PENG111	
5. Co-requisites for this course (if any)**:**	
N.A	

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	44	100%
2	**Blended**		
3	**E-learning**		
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	44
2	**Laboratory/Studio**	
3	**Tutorial**	
4	**Others** (specify)	
	Total	

- B. Course Objectives and Learning Outcomes

1. Course Description

This course covers the core language and skills that students need to communicate successfully in engineering and technical specializations.

2. Course Main Objective

The objective of the course is to provide the students with fundamental technical vocabulary and structures which will enable them to describe scientific processes and how certain machines work.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	**Knowledge and Understanding**	
1.1	The learner knows and understands technical notions and concepts.	Aligned
1.2	The learner knows and understands scientific processes.	Aligned
1.3	The learner knows and understands how certain machines work.	Aligned
1...		
2	**Skills :**	
2.1	The learner is able to give instructions.	Aligned
2.2	The learner is able to write a specification report.	Aligned
2.3	The learner is able to report technical problems.	
3	**Values:**	
3.1	The learner inspects a workshop and prepares a safety inspection report.	Aligned

- C. Course Content

No	List of Topics	Contact Hours
1	Introduction	4
2	Unit 1 Check-up	4
3	Unit 2 Parts (1)	4
4	Unit 3 Parts (2)	4
5	Unit 4 Movement	4
6	Unit 5 Flow	4
7	Unit 6 Materials	4
8	Unit 7 Specification	4
9	Unit 8 Reporting	4
10	Unit 9 Troubleshooting	4
11	Unit 10 Safety	4
Total		44

- 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	The learner knows and understands technical notions and concepts.	• Lectures • Class discussions and presentations	Quizzes, exams, homework
1.2	The learner knows and understands scientific processes.	• Lectures • Class discussions and presentations	Quizzes, exams, homework

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.3	The learner knows and understands how certain machines work.	• Lectures • Class discussions and presentations	Quizzes, exams, homework
2.0	**Skills**		
2.1	The learner is able to give instructions.	• Lectures • Class discussions and presentations	Quizzes, exams, homework
2.2	The learner is able to write a specification report.	• Lectures • Class discussions and presentations	Quizzes, exams, homework
2.3	The learner is able to report technical problems.	• Lectures • Class discussions and presentations	Quizzes, exams, homework
3.0	**Values**		
3.1	The learner inspects a workshop and prepares a safety inspection report.	• Lectures • Assignments (individuals or group)	Rubric

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	(Quiz 1)	4th week	5%
2	Mid-term 1	6th week	20%
3	(Quiz 2)	8th week	5%
4	Mid-term 2	11th week	20%
5	Participation	14th week	5%
	Homework & Assignments	14TH week	5%
6	Final exam	15th week	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

- E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

- Two office hours of academic counseling per week.
- Regular interactions of students and teacher through e-mail or Blackboard
- Planning for regular meetings to discuss academic issues.

- F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	• Bonamy, David. (2008). *Technical English 1* (Course Book). Longman. • Bonamy, David. (2008). *Technical English 1* (Workbook). Longman.
Essential References Materials	• Oxford Advanced Learner's Dictionary • Cambridge Grammar of English
Electronic Materials	Online meetings and discussions (Blackboard website)
Other Learning Materials	2 audio CDs.

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Lecture room for 25 students
Technology Resources (AV, data show, Smart Board, software, etc.)	Smart board. Projector. Electronic podium. Microsoft PowerPoint and Word.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	N/A

- G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Direct Feedback to academic Supervisor.	Faculty (Coordinator)	Direct Observations.(form)
- Obtaining Student Feedback on Effectiveness of Teaching and Assessment filled by the students	Students	Indirect) Apply of student questionnaire at the end of semester for course evaluation.)
- Direct assessment of course outcomes.	Measuring of learning outcome unit	Direct – systemic tools.
Effectiveness of assessment	Student , Teacher	Indirect) Apply of student, teachers' questionnaire at the exam time for course final exam.)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

- H. Specification Approval Data

Council / Committee	
Reference No.	
Date	