



## Course Specifications

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

- Table of Contents

<b>A. Course Identification.....</b>	<b>3</b>
6. Mode of Instruction (mark all that apply) .....	3
<b>B. Course Objectives and Learning Outcomes.....</b>	<b>3</b>
1. Course Description .....	3
2. Course Main Objective.....	3
3. Course Learning Outcomes .....	4
<b>C. Course Content .....</b>	<b>4</b>
<b>D. Teaching and Assessment .....</b>	<b>4</b>
1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods .....	4
2. Assessment Tasks for Students .....	5
<b>E. Student Academic Counseling and Support .....</b>	<b>6</b>
<b>F. Learning Resources and Facilities.....</b>	<b>6</b>
1.Learning Resources .....	6
2. Facilities Required.....	6
<b>G. Course Quality Evaluation .....</b>	<b>6</b>
<b>H. Specification Approval Data .....</b>	<b>7</b>

- A. Course Identification

<b>1. Credit hours:</b> 2 Hours
<b>2. Course type</b>
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
<b>3. Level/year at which this course is offered:</b> Bachelor Students in all Departments
<b>4. Pre-requisites for this course (if any):</b> General English 1&2
<b>5. Co-requisites for this course (if any):</b> N.A

**6. Mode of Instruction (mark all that apply)**

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	60	100%
2	Blended		
3	E-learning		
4	Distance learning		
5	Other		

**7. Contact Hours (based on academic semester)**

No	Activity	Contact Hours
1	Lecture	60
2	Laboratory/Studio	
3	Tutorial	
4	Others (specify)	
	<b>Total</b>	

- B. Course Objectives and Learning Outcomes

<p><b>1. Course Description</b></p> <p>This course covers the core language and skills that students need to communicate successfully in engineering and technical specializations.</p>
<p><b>2. Course Main Objective</b></p> <p>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.</p>

### 3. Course Learning Outcomes

CLOs		Aligned PLOs
1	<b>Knowledge and Understanding</b>	
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	<b>Skills :</b>	
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	<b>Values:</b>	
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	Review A	4
5	Unit 3 Parts (2)	4
6	Unit 4 Movement	4
7	Review B	4
8	Unit 5 Flow	4
9	Unit 6 Materials	4
10	Review C	4
11	Unit 7 Specification	4
12	Unit 8 Reporting	4
13	Review D	4
14	Unit 9 Troubleshooting	4
15	Unit 10 Safety	4
<b>Total</b>		60

- 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	<b>Knowledge and Understanding</b>		
1.1	The learner knows and understands technical notions and concepts.	<ul style="list-style-type: none"> <li>• Lectures</li> <li>• Class discussions and presentations</li> </ul>	Quizzes, exams, homework

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.2	The learner knows and understands scientific processes.	<ul style="list-style-type: none"> <li>Lectures</li> <li>Class discussions and presentations</li> </ul>	Quizzes, exams, homework
1.3	The learner knows and understands how certain machines work.	<ul style="list-style-type: none"> <li>Lectures</li> <li>Class discussions and presentations</li> </ul>	Quizzes, exams, homework
<b>2.0</b>	<b>Skills</b>		
2.1	The learner is able to give instructions.	<ul style="list-style-type: none"> <li>Lectures</li> <li>Class discussions and presentations</li> </ul>	Quizzes, exams, homework
2.2	The learner is able to write a specification report.	<ul style="list-style-type: none"> <li>Lectures</li> <li>Class discussions and presentations</li> </ul>	Quizzes, exams, homework
2.3	The learner is able to report technical problems.	<ul style="list-style-type: none"> <li>Lectures</li> <li>Class discussions and presentations</li> </ul>	Quizzes, exams, homework
<b>3.0</b>	<b>Values</b>		
3.1	The learner inspects a workshop and prepares a safety inspection report.	<ul style="list-style-type: none"> <li>Lectures</li> <li>Assignments (individuals or group)</li> </ul>	Observing student's participation

## 2. Assessment Tasks for Students

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

<b>Required Textbooks</b>	<ul style="list-style-type: none"> <li>• Bonamy, David. (2008). <i>Technical English 1</i> (Course Book). Longman.</li> <li>• Bonamy, David. (2008). <i>Technical English 1</i> (Workbook). Longman.</li> </ul>
<b>Essential References Materials</b>	<ul style="list-style-type: none"> <li>• Oxford Advanced Learner's Dictionary</li> <li>• Cambridge Grammar of English</li> </ul>
<b>Electronic Materials</b>	Online meetings and discussions (Blackboard website)
<b>Other Learning Materials</b>	2 audio CDs.

### 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	Lecture room for 25 students
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	Smart board. Projector. Electronic podium. Microsoft PowerPoint and Word.
<b>Other Resources</b> (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
Effectiveness of teaching and assessment	Students	Indirect
Quality of learning resources	Students	Indirect
Extent of achievement of course learning outcomes	Faculty	Direct
Grades double checking	Peer reviewer	Direct

**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

<b>Council / Committee</b>	
<b>Reference No.</b>	
<b>Date</b>	