

متطلبات الجامعة لدرجة الدبلوم	
التخصص	الابنية والانشاءات/الهندسة المدنية
رقم المادة الدراسية	22002102
اسم المادة	English Language 2
عدد الساعات المعتمدة	(3)
عدد الساعات النظرية	(3)
عدد الساعات العملية	(0)

## **Course description**

English 102 course aims at improving the communication skills and specialist language knowledge of engineering, enabling them to work more confidently and effectively.

The course ensures the coverage of common and useful language related to engineering topics with which students should be familiar. Particular emphasis is placed on reading, and listening these texts allow students to develop sub-skills such as reading for gist or for specific information, present new vocabulary in a meaningful context, and taking notes while listening. On completion of the course students should be reasonably proficient in all language skills .

## **This course aims at:**

1. Developing the students' ability to communicate effectively in real world situations using the English language
2. Providing the students with the vocabulary, structures, and skills that will enable them be more confident and spontaneous in the real world
3. Improving the students' receptive skills that they need in the real world which are listening and reading
4. Developing the students' analytical skills and creativity by exposing them to real world situations that they could face in during working and encourage them to develop their own solutions
5. Building the students vocabulary that they could use in the real world a engineers

**General description:**

Unit	Unit title	Components of the unit	Timing
1.	Technology in use	Describing and explaining technical functions and applications , words stemming from use, verbs to describe movement , adjectives and adverbs to describe advantages , adverbs for simplifying and rephrasing, reading and listening to texts talks about future technology( space elevators)	
2	Materials technology	Describing specific materials, talking about properties of materials emphasizing the use of consists of, comprise, made of, made from, made out of, phrases for describing requirements and compounds of resistant, adverbs of degree, reading and listening to texts that talk about recycling	
3	Component s and assemblies	Describing component shapes and features, shapes and 3D features , words describe machining , phrases for describing suitability, verbs and nouns to describe joints and fixing , prepositions of position, reading and listening to text that talk about cutting operations and waterjet technology	
4	Engineering design	Working with drawings, discussing dimensions , design phases and procedures, phrases related to tolerance, length, width, thickness, etc, verbs for describing stages of design process and designing problems, listening and reading texts related to designing	
7	Procedures and precautions	Describing health and safety precautions , regulations and standards, working with written instructions and notices, phrases for emphasizing importance, terms t describe regulations, language style in written instructions listening and reading about safety, instructions, and hazard	

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		analysis	
10	Pushing the boundaries	Discussing performance and suitability, describing physical force , adjectives for describing suitability and performance, words to describe types of forces , factor, criteria, criterion, consideration; words and phrases to describe degrees of differences, capabilities and limits	

### Evaluating methods

Exams	The average from the total mark	Date
First exam	20%	
Second exam	20%	
Final exam	50%	
Assignments, projects , and discussions	10%	

### Teaching methods:

This course emphasis the method of discussion and analyzing the different texts that the students are introduced to either during reading or listening; besides a set of case studies available online provide problem- solving practice in authentic engineering scenarios

### Books and references:

Lbboston, M, Cambridge English for Engineering, 2008,  
Cambridge University press

This course contains:

Student's book with 2 Audio CDs

Engineering case studies online