



## Course Specifications: English 1 UNR031

### 1. Basic Information

<b>Program Title</b>	Biomedical Engineering
<b>Department offering the Program</b>	Biomedical Engineering
<b>Department Responsible for the Course</b>	Engineering Mathematics and Physics
<b>Course Code</b>	UNR031
<b>Year/ Level</b>	Level 000
<b>Specialization</b>	Minor
<b>Requirements</b>	
<b>Authorization data of course specification</b>	

<b>Teaching Hours</b>	Lectures	Tutorial	Practical
	1	2	0

### 2. Course aims:

No.	Aim
2	Communicate effectively in work environment and be able to work in within multi-disciplinary teams
5	Use skills to design biomedical systems in a teamwork manner considering professional and ethical responsibilities.

### 3. Intended Learning Outcomes (ILOs):

#### a. Knowledge and Understanding:

No.	Knowledge and Understanding
A9	Identify the method used to describe the humanitarian issues in English language taking into consideration the moral issues.
A10	Apply technical language and report writing techniques.
A11	Memorize the professional ethics and impacts of engineering solutions on society and environment and expressing it in English language.
A18	Writing reports for the health care professional and the public

#### b. Intellectual Skills

No.	Intellectual Skills
B4	Assess different ideas, views, and knowledge from a range of source.

#### c. Professional Skills

No.	Professional Skills
C11	Exchange knowledge and skills with engineering community using English language.
C12	Present technical reports in English

#### d. General Skills

No.	General Skills
D3	Communicate effectively through written reports.

### 4. Course Contents:

No.	Topics	Weeks
1	An Introduction	1-4
2	Language fundamentals	5-7,9
3	Study of Engineering issues	10-12
4	Preparation for language tests	13-14

### 5. Teaching and Learning Methods:

No.	Teaching Method
1	Lectures
2	Discussion Sessions
3	Practical

### 6. Teaching and Learning Methods for Disabled Students:

No.	Teaching Method	Reason
1	Extra tutorials	To overcome their disability

### 7. Student Evaluation:



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### 7.1 Student Evaluation Methods:

No.	Evaluation Method	ILOs
1	Mid Term Examination	A9, A10, A11, A18
2	Semester work	B4, C11, C12
3	Final Term Examination	A10, B4

### 7.2 Evaluation Schedule:

No.	Evaluation Method	Weeks
1	Mid Term Examination	8
2	Semester work	weekly
3	Final Term Examination	15

### 7.3 Weighting of Evaluations:

No.	Evaluation Method	Weights
1	Mid Term Examination	20 %
2	Semester work	30 %
3	Final Term Examination	50 %
Total		100%

### 8. List of References

No.	Reference List
1	Hill, D. "English for information technology", Pearson Longman, 2009
2	Ibboston, M. "Cambridge English for Engineering", Cambridge University, 2008
3	Finkelstein, Leo. Pocket book of English grammar for engineers and scientists. Long Grove, IL: Waveland Press, 2011.
4	Bonamy, David, and Christopher Jacques. Technical English 3. Harlow: Pearson Longman, 2011.
5	Lecture noted

### 9. Facilities Required for Teaching and Learning:

No.	Facility
1	Lecture Classroom
2	Lab Facilities
3	Sound System
4	Data Show System
5	Visualizer

### 10. Matrix of Knowledge and Skills of the Course:

No.	Topic	Aim	Knowledge & Understanding	Intellectual Skills	Professional Skills	General Skills
1	An Introduction	2	A9, A10			
2	Language fundamentals	2,5	A10, A11, A18	B4	C11, C12	D3
3	Study of Engineering issues	2,5	A18	B4	C11, C12	D3
4	Preparation for language tests	2	A10	B4	C11, C12	D3

Course Coordinator: Prof. Dr.

Head of Department: Assoc. Prof. HossamEldeen Moustafa

Date of Approval