

National Commission for Academic Accreditation & Assessment

Course Specification

Institution **Dammam University**

A Course Identification and General Information

1. Course title and code: Scientific English ENGL 103N
2. Credit hours : 2 hours Contact hours: 4 hours
3. Program(s) in which the course is offered. (If general elective available in many programs indicate this rather than list programs) Old students' program
4. Name of faculty member responsible for the course: A specific team from the English Department
5. Level/year at which this course is offered : 1436/1435 Level 1
6. Pre-requisites for this course (if any) None
7. Co-requisites for this course (if any) : None
8. Location if not on main campus : College of Sciences

B Objectives

1. Summary of the main learning outcomes for students enrolled in the course.

At the end of the course the students will be able:

- **To develop English language proficiency**
- **To express ideas/reactions/opinions orally and in writing.**
- **To understand scientific terms in English.**

- **To improve vocabulary and grammatical skills.**

2. Briefly describe any plans for developing and improving the course that are being implemented. (eg increased use of IT or web based reference material, changes in content as a result of new research in the field)

* **Number of students in a class room should not be more than 30-35 so as to enhance effective learning.**

* **Need of activities related to English Language lab.**

C. Course Description (Note: General description in the form to be used for the Bulletin or Handbook should be attached)

1 Topics to be Covered		
List of Topics	No of Week	Contact
<u>Introductory lecture:</u> Registration, class rules, office hours, syllabus and introduction of the course	1 week	4
Unit 1: The preservation of food, Unit 2: Refrigeration and refrigerators	2 weeks	8
Unit 3: Spare parts for the human body, Unit-4 Plants	2 week	8
Mid term exam and quizzes	1 week	4
Unit 5: Animals in danger, Unit-6 From counting to computers	2 week	8
Unit 7: Sound and noise, Unit-8 Oil	2 week	8
Unit 9: The motor car and pollution, Unit-10 Tomorrow's world	2 week	8
Pre-exam evaluation, quizzes and general revision	2 week	8
Final exam	Half week	

Total

14

2 Course components (total contact hours per semester):				
Lecture: 28 hours	Tutorial: —	Laboratory —	Practical/ Field work/ Internship Class	Other: —

3. Additional private study/learning hours expected for students per week. (This should be an average :for the semester not a specific requirement in each week)

4. Development of Learning Outcomes in Domains of Learning

For each of the domains of learning shown below indicate:

- A brief summary of the knowledge or skill the course is intended to develop;
- A description of the teaching strategies to be used in the course to develop that knowledge or skill;
- The methods of student assessment to be used in the course to evaluate learning outcomes in the domain concerned.

a. Knowledge

i) Description of the knowledge to be acquired:

- **Reading the text with proper pronunciation.**
- **Improving listening comprehension of lectures and class discussion.**
- **Speaking confidently while expressing personal views about the topic.**
- **Building up new vocabulary, expressions and writing techniques like pre- writing, organizing, revising, correcting punctuation errors and editing.**
- **Sharpening of vocabulary and grammar rules(passives, adjectives and adverbs, tenses, verbs, prefixes, adverbs, phrasal verbs**

(i) Teaching strategies to be used to develop that knowledge:

- **Listening to the right pronunciation provided by the teacher**
- **Oral drilling and questioning in the class**
- **Comprehension exercises using different methods of assessing the student**
- **In class discussion and worksheets**
- **Home assignments**

(iii) Methods of assessment of knowledge acquired:

- **Book exercises and worksheets**
- **Class participation**
- **Individual and group work**
- **Quizzes**
- **Midterm and final exams**

b. Cognitive Skills

(i) Description of cognitive skills to be developed

- **Making connections with their previous knowledge**
- **Comprehending the text to get the main idea**
- **Defining and describing the new words**
- **Expressing their opinion fluently and confidently**
- **Identifying and summarising the written material**
- **Using new words and expressions in different situations**

(ii) Teaching strategies to be used to develop these cognitive skills

- **Individual class presentation**
- **Listening to the class lecture**
- **Text analysis**
- **Practical application of the text in real life situations**

(iii) Methods of assessment of students cognitive skills

- **Class participation**
- **Analysing the text with the provided pictures**
- **Home assignments**
- **Organizing class presentation.**
- **Self-reflection: to think about themselves in relation to the topic**
- **Quizzes**
- **Midterm and final exams**

c. Interpersonal Skills and Responsibility	
(i) Description of the interpersonal skills and capacity to carry responsibility to be developed:	<ul style="list-style-type: none"> • Active Listening so as to express effectively • Verbal communication • Self confidence • Completing tasks within the assigned time • Teacher student interaction
(ii) Teaching strategies to be used to develop these skills and abilities:	<ul style="list-style-type: none"> • Independent and group work • Assignments using internet browsing or other resources • Special attention on time management
(iii) Methods of assessment of students interpersonal skills and capacity to carry responsibility	<ul style="list-style-type: none"> • Class work and home tasks' evaluation • Effective speaking ability • Personal presentation skills • Group/pair performance
d. Communication, Information Technology and Numerical Skills	
(i) Description of the skills to be developed in this domain.	<ul style="list-style-type: none"> • Using online exercises to polish their skills and extend their vocabulary • Active usage of words in writing tasks
(ii) Teaching strategies to be used to develop these skills	<ul style="list-style-type: none"> • Using e-library • Class tasks
(iii) Methods of assessment of students numerical and communication skills	<ul style="list-style-type: none"> • Assignments and quizzes

e. Psychomotor Skills (if applicable)
(i) Description of the psychomotor skills to be developed and the level of performance required
(ii) Teaching strategies to be used to develop these skills
(iii) Methods of assessment of students psychomotor skills

5. Schedule of Assessment Tasks for Students During the Semester			
Asses s ment	Assessment task (eg. essay, test, group project, examination etc.)	Week due	Proportio n of Final Assess
1	Class participation, HW, assignments, writing	Through o ut	15%
2	Reading	Through o ut	5%
3	Quizzes	Week 8&15	10%
4	Mid- term exam	Week 8	20%
5	Final exam	Week 17	50%
6	Grand total		100%

D. Student Support

1. Arrangements for availability of teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week)

(6) office hours per week

E Learning Resources

1. Required Text(s) Scientific English: A Guide for Scientists and Other Professionals by Robert A. Day Episodes in ESP: a source and reference book on the development of
2. Essential References *Dictionary
3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List) <ul style="list-style-type: none">• Newspaper• English novels
4- Electronic Materials, Web Sites etc. www.nature.com/scitable/ebooks/english...for-scientists . www.nextscientist.com/scientific-writing-non-native-english-speakers www.yalebooks.com/yupbooks/excerpts/goldbort_science.pdf
5- Other learning material such as computer-based programs/CD, professional standards/regulations

F. Facilities Required

Indicate requirements for the course including size of classrooms and laboratories (i.e., number of seats in classrooms and laboratories, extent of computer access etc.)
1. Accommodation (Lecture rooms, laboratories, etc.)
2. Computing resources
3. Other resources (specify –e.g., If specific laboratory equipment is required, list requirements or attach list)

G Course Evaluation and Improvement Processes

- 1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching

- **Students' quizzes, mid -term and final term exams**
 - **Feedback forms to be filled in by the students**
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<p>2 Other Strategies for Evaluation of Teaching by the Instructor or by the Department</p> <ul style="list-style-type: none"> • Course evaluation survey by the students
<p>3 Processes for Improvement of Teaching</p> <ul style="list-style-type: none"> • Instructors' meeting at regular intervals during the academic year • Sharing the experiences and challenges encountered by the instructors • Attending workshops and training programmes
<p>4. Processes for Verifying Standards of Student Achievement (e.g., check marking by an independent member teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution)</p> <ul style="list-style-type: none"> • Re-checking by another instructor from the department
<p>5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.</p> <ul style="list-style-type: none"> • Comparing and contrasting the course description with other institutes/universities • A general workshop for all English instructors should be conducted in the beginning of the term to scrutinise the effectiveness of the course • Registration of students should be completed in the first week of the term and their number should be limited to 30-35 maximum to ensure productive learning