



BSc in Radiology, Diagnostic Imaging and Radiotherapy Techniques

INTEGRATED COURSE TITLE: SCIENTIFIC ENGLISH

NUMBER OF ECTS CREDITS: 3

CODE: L-LIN/12

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PREREQUISITES

Students should have a good working knowledge of English (at least B1 of the Common European Framework of Languages).

LEARNING OBJECTIVES

The aim of the module is to provide students with a practical grammatical, lexical and phonetic analysis of realistic, colloquial and up-to-date dialogues in clinical settings. The module also seeks to establish an awareness in students of the essential role English phonetics plays in medical science.

LEARNING OUTCOMES

Knowledge and Understanding

On successful completion of the module students will be able to:

- feel confident about analysing and using the symbols of the International Phonetic Alphabet (IPA) for both British English and American English pronunciation
- understand the meanings and usage of a variety of words and expressions used in clinical settings
- understand the main rules of English grammar.

Applying knowledge and understanding

On successful completion of the module students will be able to:

- understand and use a variety of words and expressions typical of clinical settings in English.

Communication skills

On successful completion of the module students will be able to:

- express themselves with clarity and accuracy.

Making judgements

On successful completion of the module students will be able to:

- make informed judgements about the topics of the course.

COURSE SYLLABUS

The module will consider the following topics:

1. Taking a history
2. Vital signs
3. Pain
4. Explaining diagnosis and management
5. Discussing treatment with patients
6. The hospital
7. Pre-operative patient assessment
8. Post-operative patient assessment
9. Patient discharge
10. Breathing problems
11. Communicating
12. Personal care
13. Elimination
14. Eating and drinking
15. Mobility
16. Wound care
17. Sexuality and gynaecology
18. Medical imaging
19. Heart problems
20. Diabetes care
21. Intravenous infusions
22. Cancer treatment

Students will also be given the chance to practise the language of both telephone conversations and oral presentations.

COURSE STRUCTURE

The topics of the course will be investigated both in lectures and practicals for a total of 30 hours.

ASSESSMENT CRITERIA

Marks are awarded on completion of an oral examination following a written test. The written test consists of 15 questions on the topics covered during the course. Each correct answer in the test is worth 2 points. The passing mark in the written test is 18 points out of 30. Candidates may take the oral examination only after they have passed the written test.

As far as the oral examination is concerned, a pass is awarded where a student convincingly shows that they can communicate in spoken English to a sufficient standard and can accurately reproduce the pronunciations of words and expressions dealt with in class.

The assessment criteria are as follows: acquired knowledge, independent judgment, communication and learning skills.

The final oral exam is assessed according to the following criteria:

fail The candidate possesses an inadequate knowledge of the topic, makes significant errors in applying theoretical concepts, and shows weak presentation skills.

pass The candidate possesses an adequate knowledge of the topic, good presentation skills and ability to apply theoretical concepts.

OPTIONAL ACTIVITIES

Students can request optional workshops on specific topics.

RECOMMENDED READING

- Ashby, P. (2011). *Understanding Phonetics*. London: Routledge.
- Rotatori, A. (2020). *Parlare e comprendere l'inglese contemporaneo della medicina e infermieristica*. EdiSES Università
- Wells, J. (2008). *Longman Pronunciation Dictionary* (3rd edition). Longman

Further materials will be made available as handouts before the lectures.