

## 26005 - English for science I

### Syllabus Information

**Academic Year:** 2019/20

**Subject:** 26005 - English for science I

**Faculty / School:** 127 - Facultad de Ciencias de la Salud

**Degree:** 276 - Degree in Occupational Therapy

**ECTS:** 6.0

**Year:** 1

**Semester:** Annual

**Subject Type:** Basic Education

**Module:** ---

### 1.General information

#### 1.1.Aims of the course

#### 1.2.Context and importance of this course in the degree

#### 1.3.Recommendations to take this course

### 2.Learning goals

#### 2.1.Competences

#### 2.2.Learning goals

#### 2.3.Importance of learning goals

### 3.Assessment (1st and 2nd call)

#### 3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

### 4.Methodology, learning tasks, syllabus and resources

#### 4.1.Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, assessment tasks, tutorials, and exams.

This course aims at training students to develop and apply the four language skills of listening, speaking, reading and writing across situations they will have to cope with in their future careers as occupational therapists. The study of the biomedical vocabulary is very important, enabling them to develop and participate in classroom activities. This course is basically focused on practice and will contribute to broadening the students' knowledge during their future careers since specialized literature is mainly published in English.

#### 4.2.Learning tasks

This course is organized as follows:

- **Lectures** (47.5 hours). The teacher explains the theoretical foundations with the support of photocopies, online resources, videos, etc., and suggests activities so that students know how to apply what they have learned. Classroom activities, which are developed both individually and in groups, include role-plays about situations related to Occupational Therapy, translation of texts, research of scientific terminology, creation of mind maps, etc.
- **Practice sessions.** 12 sessions. In small groups, students will engage in some debates and carry out different activities on topics related to Occupational Therapy and Sociology. The students' participation in practice sessions is very important since it will count towards the final mark.

- **Assessment tasks.** During one of the practice sessions, the teacher will explain the objectives and provide students with guidance about the development of their projects. Individually, students will have to prepare an oral presentation about a topic related to Occupational Therapy. The oral presentation is expected to demonstrate that students are competent in grammar, vocabulary, pronunciation, intonation, design, and originality. Students will have to prepare a project that will be orally presented during the last practice session. Apart from that, students will develop different activities that will be checked in class or given to the teacher.
- **Tutorials.** The teacher will clear doubts of individual students and guide them to overcome problems during the course.
- The **final exam** will be held in June.

### 4.3.Syllabus

The course will address the following topics:

#### Occupational Therapy

- What is occupational therapy?
- Allied Health Professions
- Hospitals: Introduction to a hospital/ Outpatients/ Inpatients
- Symptoms and Signs: describing problems.
- What is Pain?- Pain Classification- Pain Assessment- Types of Pain
- Managing Chronic Pain- What can an Occupational Therapist Do?
- Activities of Daily Living (ADLs): Basic Activities of Daily Living / Instrumental Activities of Daily Living/Rest and Sleep/Education/Work/Play/Leisure/Social Participation/
- Client Factors: Values +Beliefs/Body Functions/Mental Functions/Sensory Functions/Body Structures/
- Performance Skills: Motor Skills/Process Skills/Social Interactions.
- Performance Patterns: Habits, routines, rituals and roles.
- Context:Cultural/Personal/Temporal/Virtual.
- Environments:
- Occupational Therapy: The patient with Learning Disabilities.
- Paediatric Occupational Therapist: Children with Physical Handicap.
- The Role of the Occupational Therapist in Schools.

#### Anatomy and Physiology

- Defining Anatomy and Physiology
- The Building Blocks of the Body (molecules, cells, tissues, organs, systems)
- The Skeleton
- How bone is organized
- Bone Accessory Structures: cartilage, ligaments and tendons.
- Joints
- The Muscles of the Body
- Organization of Skeletal Muscles
- How Muscles Move: From Brain to Muscle.

#### Building Language and Study Skills: Rhetorical Functions

- Creating Good Study Habits
- Describing Organization and Function
- Writing Descriptions: shapes and properties/physical features.
- Describing a Process
- Expressing Location
- Expressing Structure
- Expressing Measurement
- Writing Definitions
- Expressing Cause and Consequence
- Writing a Set of Instructions

#### Vocabulary

- Occupational Therapy terminology/International Framework
- Word Association- Terms related to medical matters

- Two Word Expressions
- Word Formation- Nouns
- Word Formation-adjectives
- Word association:partnership
- Word Association: Mind maps

### Terminology

- The Components of Medical Words (word root, combining vowel, suffix, combining form, prefix)
- The Use of Prefixes, Combining Forms and Suffixes (Rules)
- Reading and Understanding Medical Words

### Listening Comprehension

- 1. Understanding OT videos: taking notes
- 2. Understanding OT videos: Following instructions
- 3. Understanding OT lectures: Summarizing
- 4. Understanding OT short talks: Answering true-false questions/Filling in the gaps/finding synonyms, etc
- 5. Attending lectures in English-speaking universities online. Making use of Opencourseware resources

## 4.4.Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the Facultad de Ciencias de la Salud web <https://estudios.unizar.es/estudio/ver?id=109>

## 4.5.Bibliography and recommended resources

- Collin, P.H.: Dictionary of medicine. 3rd ed. Middlesex, Peter Collin Publishing, 2000
- Navarro, Fernando A.: Diccionario crítico de dudas inglés-español de medicina. 2ª ed. Madrid, McGraw-Hill Interamericana, 2005
- Diccionario Mosby medicina, enfermería y ciencias de la salud. Lexicógrafo principal Douglas M. Anderson ; lexicógrafos Jeff Keith, Patricia D. Novak ; coordinador lexicográfico Michelle A. Elliot. 6ª ed. Madrid, Elsevier, 2003
- Quick reference dictionary for occupational therapy. Edited by Karen Jacobs and Laela Jacobs. 4th ed. Thorofare, NJ , Slack Incorporated, 2004
- Quick reference dictionary for occupational therapy. Edited by Karen Jacobs and Laela Jacobs. 5th ed. Thorofare, NJ , Slack Incorporated, 2009
- Swales, John M., Feak, Christine B.: Academic writing for graduate students : essential tasks and skills. 2nd ed. Michigan, University of Michigan Press, 2004
- Ehrlich, Ann Beard, Schroeder, Carol L.: Medical terminology for health professions. 5th ed. New York, Thomson Delmar Learning, 2005
- Ehrlich, Ann Beard, Schroeder, Carol L.: Medical terminology for health professions. 6th ed. New York, Thomson Delmar Learning, 2009
- Brookes, Arthur, Grundy, Peter: Writing for study purposes : a teacher's guide to developing individual writing skills. Cambridge, Cambridge University Press, 1990
- Eastwood, John, Mackin, Ronald: A basic english grammar. Adapted and translated by María Pilar Zozaya. Spanish ed., 1st. ed. 1th imp. Oxford, Oxford University Press, 1989
- Swan, Michael: Basic English usage. Adaptación y traducción por Brian Mott y Mª Pilar García . - Ed. española Oxford, Oxford University Press, 1988

### Web Pages

- <http://www.bbc.co.uk/health/>
- <http://www.dmu.edu/medterms/>
- <http://www.free-ed.net/sweethaven/MedTech/MedTerm/default.asp>
- <http://www.aota.org/>
- <http://www.cot.co.uk/>
- <http://www.learnoutloud.com/Podcast-Directory/Education-and-Professional/Medical#1>
- [http://www.cbsnews.com/video/60minutes/health\\_science/](http://www.cbsnews.com/video/60minutes/health_science/)

## Online Dictionaries

- <http://www.wordreference.com/es/>
- <http://www.merriam-webster.com/>
- <http://www.medterms.com/script/main/hp.asp>
- <http://www.tabers.com/tabersonline/ub>
- <http://visual.merriam-webster.com/human-being/anatomy.php>
- <http://www.howjsay.com/>
- <http://www.acronymfinder.com/>