Academic Year/course: 2021/22

29849 - Technical English

Syllabus Information

Academic Year: 2021/22

Subject: 29849 - Technical English

Faculty / School: 326 - Escuela Universitaria Politécnica de Teruel

Degree: 444 - Bachelor's Degree in Electronic and Automatic Engineering

ECTS: 6.0

Year: 4

Semester: Second semester

Subject Type: Optional

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

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 including lectures and practical sessions for the students to become familiar with the technical use of English. A wide range of teaching and learning tasks are implemented to improve the four fundamental skills in the learning process of a second language. *Listening Comprehension*: Students should be able to understand both general and specific information related to technical issues. *Reading Comprehension*: Students should be able to understand the main idea of a text, its main functions and rhetoric structures which are related to the communicative intentions within the text. *Oral Expression*: Students should be able to articulate oral texts at B1+ (Intermediate level) related to academic and professional topics from their professional field of specialization. Written Expression: Students should be able to produce written texts related to their field of specialization. Students will play a very active role in the learning process, working individually and in groups.

4.2. Learning tasks

This course includes the following learning tasks:

- **Lectures**: Students will acquire concepts related to the use of English (grammar, vocabulary) in technical English. They will do reading/listening comprehension exercises.
- **Practice sessions**: Students will practice and develop oral and written skills in English.

4.3. Syllabus

1. Informatics and Electronics Engineering in the UK

1.1. Types of degrees

1.2. Subjects

1.3. Experiences from British students

1.4. Academic programs in British and Irish Universities

1.5. Selection interview for Erasmus candidates

2. Informatics studies in the UK

2.1. Types of degrees

2.2. Subjects

2.3. Experiences from British students

2.4. Academic programs in British and Irish Universities

2.5. Selection interview for Erasmus candidates

3. Applying for a job

3.1. Curriculum Vitae/Resume

3.2. Job offer ads

3.3. Job letter

3.4. Job interview: formal conversations in professional environment and at the workplace

4. Introducing computers

4.1. Functions

4.2. Basic configuration/set up

4.3. Characteristic directions: (speed, capacity, RAM etc.)

5. INPUT Y OUTPUT devices

5.1. Input y output devices functions

5.2. Input devices: mouse, keyboard, scanner, digital cameras

5.3. Output devices: monitors and printers

5.4. Assistive devices

6. SOFTWARE/APPS

6.1. Operating systems and utilities

6.2. Graphic user interfaces

6.3. Graphic applications

6.4. The Internet

7. TELECOMMUNICATIONS

7.1. Introduction (systems)

7.2. The digitalization of the UK Public Data Network

7.3. Types of telephone transmission

7.4. (Radio) Wave transmission

7.5. Satellites

7.6. Mobile telecom

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 College of Engineering of Teruel website and Moodle Unizar.