# [GOB204] WRITING OF SCIENTIFIC AND TECHNICAL TEXTS IN ENGLISH

## GENERAL INFORMATION

| | | | | | |
|---|---|---|---|---|---|
| **Studies** | DEGREE IN INDUSTRIAL ORGANIZATION ENGINEERING | | | **Subject** | Languages |
| **Semester** | 2 | **Course** | 2 | **Mention / Field of specialisation** | |
| **Character** | OPTIONAL | | | | |
| **Plan** | 2017 | **Modality** | Adapted Face-to-face | **Language** | ENGLISH |
| **Credits** | 3 | **Hours/week** | 2.5 | **Total hours** | 45 class hours + 30 non-class hours = **75 total hours** |

## PROFESSORS

AZPI-RUIZ DE ARETXABALETA, ESTI (ML)

## REQUIRED PREVIOUS KNOWLEDGE

| Subjects | Knowledge |
|---|---|
| *(No specific previous subjects required)* | *(No previous knowledge required)* |

## SKILLS

### VERIFICA SKILLS

**SPECIFIC**

**GOC209** - To solve problems and analyse the implications of the solution proposed in teams, participating, interacting and coordinating performance, thus contributing to the creation of a positive work environment

**GOC210** - To write technical reports and make presentations based on them and to manage and organise the information effectively and ethically

**BASIC**

**G_CB2** - To be able to apply knowledge to occupational or professional tasks; have the necessary skills to pose and defend arguments, and to solve problems within their field of study

**G_CB4** - To be able to communicate information, ideas, problems and solutions to both expert and lay audiences

| ENAEE LEARNING RESULTS | ECTS |
|---|---|
| **ENAE18** - Transversal competences: To use different methods to communicate effectively with the engineering community and society in general. | 0,75 |
| **ENAE19** - Transversal competences: Demonstrate that they are aware of the responsibility implied in the practical application of engineering, the social and environmental impact, and show commitment with professional ethics, responsibility and regulations of the practical application of engineering. | 2,25 |
| **Total:** | 3 |

## LEARNING RESULTS

**RG204 Define the problem, develop the solution and present the conclusions in a efficient manner, arguing and justifying each one of them in writing.**

| LEARNING ACTIVITIES | CH | NCH | TH |
|---|---|---|---|
| Individual study and work, tests and evaluations and check points | 6 h. | 4 h. | 10 h. |
| Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects | 4,5 h. | 3 h. | 7,5 h. |
| Individual and team exercises | 4,5 h. | 3 h. | 7,5 h. |
| Individual and/or team computer simulation practice | 7,5 h. | 5 h. | 12,5 h. |

| EVALUATION SYSTEM | W |
|---|---|
| Individual written and oral tests to assess technical skills of the subject | 70% |
| Team oral tests for the evaluation of technical skills of the subject | 30% |

**MAKE-UP MECHANISMS**

*(No mechanisms)*

**CH - Class hours:** 22,5 h.
**NCH - Non-class hours:** 15 h.
**TH - Total hours:** 37,5 h.

**RG205** **Define the problem, develop the solution and present the conclusions in a efficient manner, arguing and justifying each one of them in spoken form.**

| LEARNING ACTIVITIES | CH | NCH | TH |
|---|---|---|---|
| Individual study and work, tests and evaluations and check points | 6 h. | 4 h. | 10 h. |
| Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects | 4,5 h. | 3 h. | 7,5 h. |
| Individual and team exercises | 4,5 h. | 3 h. | 7,5 h. |
| Individual and/or team computer simulation practice | 7,5 h. | 5 h. | 12,5 h. |

| EVALUATION SYSTEM | W |
|---|---|
| Individual written and oral tests to assess technical skills of the subject | 70% |
| Team oral tests for the evaluation of technical skills of the subject | 30% |

**MAKE-UP MECHANISMS**

*(No mechanisms)*

**CH - Class hours:** 22,5 h.
**NCH - Non-class hours:** 15 h.
**TH - Total hours:** 37,5 h.

## CONTENTS

1. How to write an introduction
2. Writing a Project
3. Writing the results
4. Drawing up conclusions
5. Preparing a presentation
6. Preparation of the material
7. Presentation
8. Visual aids and resources
9. Other aspects to consider

## LEARNING RESOURCES AND BIBLIOGRAPHY

| Learning resources | Bibliography |
|---|---|
| Subject notes | *(No bibliography)* |
| Video projections | |