

[GCG101] SCIENTIFIC AND TECHNICAL ENGLISH

GENERAL INFORMATION

Studies	DEGREE IN ENGINEERING IN ECO-TECHNOLOGY IN INDUSTRIAL PROCESS		Subject	LANGUAGES
Semester	1	Course	2	Mention / Field of specialisation
Character	OPTIONAL		Language	ENGLISH
Plan	2017	Modality	Adapted Face-to-face	Total hours
Credits	3	Hours/week	2.5	45 class hours + 30 non-class hours = 75 total hours

PROFESSORS

(No professor appointed)

REQUIRED PREVIOUS KNOWLEDGE

Subjects	Knowledge
(No specific previous subjects required)	(No previous knowledge required)

SKILLS

VERIFICA SKILLS

GENERAL

G_CB6 - To be able to respond adequately in complex situations or situations that call for innovative solutions in both the academic field and work environments within their field of study;

CROSS

GCCTR1 - To be able to work in multidisciplinary, multilingual environments, and to effectively communicate knowledge, procedures, results and ideas about Eco-technologies for industrial Processes both verbally and in writing.

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

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
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CONTENTS

Current issues in Science and Technology

- Analytical skills for reading articles, attending classes, viewing audiovisual programs and discussing current research
- Development of technical vocabulary
- Questions for selecting a research topic
- Searching, gathering, analyzing and organizing information
- Preparation and presentation of posters

Vocabulary for Science and Technology

- Improving pronunciation through guided practice
- Strengthening comprehension through dictations, closed exercises, note taking and other activities
- Focus on commonly used vocabulary and expressions in science and technology

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources

Subject notes
Video projections

Bibliography

(No bibliography)