

[GEP202] SCIENTIFIC AND TECHNICAL BASQUE

GENERAL INFORMATION

Studies	DEGREE IN INDUSTRIAL ELECTRONICS ENGINEERING		Subject	LANGUAGES
Semester	1	Course	2	Mention / Field of specialisation
Character	OPTIONAL		Language	EUSKARA
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

Note: Considerations concerning academic activities: Some teaching activities have been planned to be carried out face to face, others online and others both ways. If physical presence is reduced due to the COVID, some face to face activities will be carried out either online or will be replaced by others.

Note: Considerations concerning the assessment system: Assessment criteria percentages or the assessment criteria itself can be modified due to the COVID, if the online context prevails over the physical presence.

PROFESSORS

ARRASATE AYERBE, JAVIER

REQUIRED PREVIOUS KNOWLEDGE

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

SKILLS

VERIFICA SKILLS

GENERAL

GECT04 - To be able to take the initiative in problem solving, decision making, creativity, critical thinking, effective communication and the transfer of knowledge and skills in the field of Industrial Electronic Engineering.

BASIC

G_CB1 - To have proven to understand and have knowledge in a field of study based on general secondary education at a level found in advanced textbooks and including concepts at the forefront of their field of study.

G_CB3 - To be capable of gathering and interpreting relevant data (normally within their field of study) in order to make judgements, reflecting on relevant matters of a social, scientific or ethical nature

ENAAE LEARNING RESULTS

ENA103 - Knowledge and comprehension: Awareness of the multidisciplinary context of engineering.

ENA119 - Communication and Teamwork: Ability to effectively communicate information, ideas, problems and solutions in the field of engineering and with society in general.

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	8,75 h.	12,5 h.	21,25 h.
Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	3,75 h.	2,5 h.	6,25 h.
Workshops, discussions, seminars, case studies, role plays, etc	5 h.		5 h.
Classroom presentations of relevant concepts and procedures in participatory environments	5 h.		5 h.

EVALUATION SYSTEM

Individual written and oral tests to assess technical skills of the subject

W

100%

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	8,75 h.	12,5 h.	21,25 h.
Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	3,75 h.	2,5 h.	6,25 h.
Workshops, discussions, seminars, case studies, role plays, etc	5 h.		5 h.
Classroom presentations of relevant concepts and procedures in participatory environments	5 h.		5 h.
EVALUATION SYSTEM	W	MAKE-UP MECHANISMS	
Individual written and oral tests to assess technical skills of the subject	100%	<i>(No mechanisms)</i>	
CH - Class hours: 22,5 h.			
NCH - Non-class hours: 15 h.			
TH - Total hours: 37,5 h.			

CONTENTS

Technical language

Scientific-technical terminology

Physical-mathematical expressions: spelling, writing and reading-interpretation

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Subject notes	<i>(No bibliography)</i>