

## [GAM102] CHALLENGES OF COMPANIES IN THE 21ST CENTURY

### GENERAL INFORMATION

<b>Studies</b>	DEGREE IN ENERGY ENGINEERING		<b>Subject</b>	HUMANITIES AND SOCIAL SCIENCES	
<b>Semester</b>	2	<b>Course</b>	2	<b>Mention / Field of specialisation</b>	
<b>Character</b>	OPTIONAL		<b>Language</b>	EUSKARA	
<b>Plan</b>	2017	<b>Modality</b>	Adapted Face-to-face	<b>Total hours</b>	45 class hours + 30 non-class hours = <b>75 total hours</b>
<b>Credits</b>	3	<b>Hours/week</b>	2.5		

### PROFESSORS

AZPI-EIZAGIRRE, ANDONI (HUHEZI)

### REQUIRED PREVIOUS KNOWLEDGE

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

### SKILLS

#### VERIFICA SKILLS

##### GENERAL

**GACG5** - To be able to analyse and assess the social and environmental impact of technical solutions.

##### CROSS

**GACTR2** - To be able to do their job in cooperative, participatory environments, with awareness of social responsibility.

##### 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

**G\_CB5** - To have developed learning abilities required to embark on subsequent studies with a high level of autonomy.

### LEARNING RESULTS

**RG203** They Apply methods, techniques, regulations, etc. typical of the engineering profession in familiar contexts.

#### LEARNING ACTIVITIES

	CH	NCH	TH
Individual study and work, tests and evaluations and check points	3 h.	2 h.	5 h.
Practices of problem solving and real or simulated context projects	3,35 h.	2,25 h.	5,6 h.
Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	6,75 h.	4,5 h.	11,25 h.
Individual and team exercises	3,4 h.	2,25 h.	5,65 h.
Individual and/or team computer simulation practice	6 h.	4 h.	10 h.

#### EVALUATION SYSTEM

	W
Individual written and oral tests to assess technical skills of the subject	60%
Observation of student participation and attitude in the proposed training activities	20%
Written, coding/programming and individual oral tests for the evaluation of technical skills in the field	20%

#### MAKE-UP MECHANISMS

(No mechanisms)

**CH - Class hours:** 22,5 h.

**NCH - Non-class hours:** 15 h.

**TH - Total hours:** 37,5 h.

**RG201** They coordinate the work with the rest of the group members, contributing to develop the task to be done and creating a good work atmosphere.

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<b>TH - Total hours: 37,5 h.</b>			

## CONTENTS

### MODULE 1: Company and society

- Evolution of the company in the 20th century
- Current characteristics of the companies
- Current challenges of the companies

### MODULE 2: Company and people

- Introduction What do the companies demand from us? What do they offer us?
- Centrality of people in the company

### MODULE 3: Social economy and cooperativism

- Economic self-training, labour sovereignty and social economy
- Mondragón's cooperative experience

## LEARNING RESOURCES AND BIBLIOGRAPHY

### Learning resources

Slides of the subject  
 Video projections

### Bibliography

J. Azkarraga, L. Altuna, T. Kausel, I. Iñurrategi, &#8220;La evolución sostenible. Una crisis multidimensional&#8221;; Cuadernos de Lanki nº4  
 J. Ziegler, "Odio a Occidente", Ed. Península, 2010  
 G. Duch, "Lo que hay que tragar", Ed. Los libros del lince, 2010  
 Y. Herrero, F. Cembranos, M. Pascual, "Cambiar las gafas para mirar el mundo", 1ª edición, Ed. Libros en acción, 2011  
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 MA Sobrevila, "La formación del Ingeniero Profesional para el tiempo actual. Tesis de las ingenierías de base", Ed. Academia Nacional de Educación, 2000  
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