

[GCP102] CHALLENGES OF COMPANIES IN THE 21ST CENTURY

GENERAL INFORMATION

Studies	DEGREE IN ENGINEERING IN ECO-TECHNOLOGY IN INDUSTRIAL PROCESS		Subject	HUMANITIES AND SOCIAL SCIENCES
Semester	2	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

AZPI-KANPANDEGI, HARITZ (HUHEZI)

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

GCCTR2 - 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

GCCG5 - [!]

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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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, “La evolución sostenible. Una crisis multidimensional”; Cuadernos de Lanki nº4
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 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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