

[GOI202] CHALLENGES OF COMPANIES IN THE 21ST CENTURY

GENERAL INFORMATION

Studies	DEGREE IN INDUSTRIAL ORGANIZATION ENGINEERING		Subject	Human Factor
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

PROFESSORS

AZPI-EIZAGIRRE, ANDONI (HUHEZI)

REQUIRED PREVIOUS KNOWLEDGE

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

SKILLS

VERIFICA SKILLS

SPECIFIC

GOC402 - To analyse a business sector through a strategic diagnosis (to contribute to the definition of an organisation's strategic positioning)

GENERAL

GOCT02 - To define, plan and control projects with regard to main limitations (time, deadlines, costs, resources)

ENAE Learning Results

(No learning results)

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	Bibliography
Slides of the subject	J. Azkarraga, L. Altuna, T. Kausel, I. Iñurrategi, “La evolución sostenible. Una crisis multidimensional”; Cuadernos de Lanki nº4
Video projections	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
	G. Bilbao, J. Fuertes, JM Guilbert, "Ética para ingenieros", 1ª edición, Ed. Desclée de Brower, 2006
	MA Sobrevila, "La formación del Ingeniero Profesional para el tiempo actual. Tesis de las ingenierías de base", Ed. Academia Nacional de Educación, 2000
	L. Altuna (Coord.), "La experiencia Cooperativa de Mondragon. Una síntesis general", Ed. Mondragon Unibertsitatea, 2008