

[GJA101] BUSINESS

GENERAL INFORMATION

Studies	DEGREE IN MECHATRONICS ENGINEERING		Subject	?
Semester	1	Course	2	Mention / Field of specialisation
Character	BASIC TRAINING		Language	EUSKARA
Plan	2020	Modality	Face-to-face	Total hours
Credits	6	Hours/week	5	90 class hours + 60 non-class hours = 150 total hours

PROFESSORS

GOMEZ PESCADOR, IRUNE
BASAÑEZ ZULUETA, AIMAR
URRUZUNO PAGOAGA, ANER

REQUIRED PREVIOUS KNOWLEDGE

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

SKILLS

VERIFICA SKILLS

SPECIFIC

GJCE05 - To have sufficient knowledge of the concept of business, its institutional and legal framework. Business management and administration.

CROSS

GJCTR1 - To be able to do their job in cooperative, participatory environments, with awareness of social responsibility.

GJCTR2 - To be able to understand and apply knowledge to problem solving in complex work situations or specialised and professional environments calling for creative and innovative ideas, using self-developed arguments and procedures;

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

LEARNING RESULTS

RG201 They coordinate their work with the other members of the team, contribute in their team to the development of the tasks to be carried out and the creation of a good working climate.

LEARNING ACTIVITIES

	CH	NCH	TH
Development, writing and presentation of memorandums, reports, audiovisual material, etc.	3 h.	1 h.	4 h.
Relating to projects/POPBLs carried out individually or in teams			

EVALUATION SYSTEM

	W
Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence	100%

MAKE-UP MECHANISMS

Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence

Comments: With the project of the second semester

CH - Class hours: 3 h.

NCH - Non-class hours: 1 h.

TH - Total hours: 4 h.

RG202 They make decisions and assess the possible consequences of the selected alternative.

LEARNING ACTIVITIES

	CH	NCH	TH
Development, writing and presentation of memorandums, reports, audiovisual material, etc.	3 h.	1 h.	4 h.
Relating to projects/POPBLs carried out individually or in teams			

EVALUATION SYSTEM

	W
Technical skills, involvement in the project, finished work,	100%

MAKE-UP MECHANISMS

Technical skills, involvement in the project, finished work, obtained

obtained results, handed documentation, presentation and technical defence

results, handed documentation, presentation and technical defence

Comments: With the project of the second semester

CH - Class hours: 3 h.

NCH - Non-class hours: 1 h.

TH - Total hours: 4 h.

RG204 They define the problem, the development of the solution, as well as the conclusions in an effective way, making a correct use of the language, in writing.

LEARNING ACTIVITIES

Development, writing and presentation of memorandums, reports, audiovisual material, etc.
Relating to projects/POPBLs carried out individually or in teams

CH

NCH

TH

3 h.

1 h.

4 h.

EVALUATION SYSTEM

W

Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence

100%

MAKE-UP MECHANISMS

Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence

Comments: Revision and correction of the written report of the semester project

CH - Class hours: 3 h.

NCH - Non-class hours: 1 h.

TH - Total hours: 4 h.

RG205 They define the problem, the development of the solution, as well as the conclusions in an effective way, making a correct use of the language, orally.

LEARNING ACTIVITIES

Development, writing and presentation of memorandums, reports, audiovisual material, etc.
Relating to projects/POPBLs carried out individually or in teams

CH

NCH

TH

2 h.

1 h.

3 h.

EVALUATION SYSTEM

W

Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence

100%

MAKE-UP MECHANISMS

Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence

Comments: With the oral presentation of the project of the second semester

CH - Class hours: 2 h.

NCH - Non-class hours: 1 h.

TH - Total hours: 3 h.

RGJ2021 They know and distinguish the main characteristics (size, sector of activity, legal form) of the different types of organisations, and identify and understand their interaction with the environment

LEARNING ACTIVITIES

Development, writing and presentation of memorandums, reports, audiovisual material, etc.
Relating to projects/POPBLs carried out individually or in teams

CH

NCH

TH

6 h.

4 h.

10 h.

Individual study and work, tests and evaluations and check points

2 h.

3 h.

5 h.

Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects

5 h.

5 h.

10 h.

Solving of multidisciplinary exercises or team study cases

11 h.

9 h.

20 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Individual written and oral tests to assess technical skills of the subject	60%	Individual written and oral tests to assess technical skills of the subject
Reports of solving exercises, case studies, computer practices, simulation practices and laboratory practices	20%	
Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence	20%	

CH - Class hours: 24 h.
NCH - Non-class hours: 21 h.
TH - Total hours: 45 h.

RGJ2022 It carries out a static and dynamic economic-financial analysis through the accounting data of a company, with practical applications in the business reality of the environment

LEARNING ACTIVITIES	CH	NCH	TH
Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	10 h.	5 h.	15 h.
Individual and team exercises	10 h.	5 h.	15 h.
Classroom presentations of relevant concepts and procedures in participatory environments	5 h.	5 h.	10 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports of solving exercises, case studies, computer practices, simulation practices and laboratory practices	80%	(No mechanisms)
Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence	20%	

CH - Class hours: 25 h.
NCH - Non-class hours: 15 h.
TH - Total hours: 40 h.

RGJ2023 They calculate and analyse the costs of a product or service and study the economic and financial viability of an investment project

LEARNING ACTIVITIES	CH	NCH	TH
Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	10 h.		10 h.
Individual and team exercises	10 h.	10 h.	20 h.
Classroom presentations of relevant concepts and procedures in participatory environments	10 h.	10 h.	20 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports of solving exercises, case studies, computer practices, simulation practices and laboratory practices	80%	(No mechanisms)
Technical skills, involvement in the project, finished work, obtained results, handed documentation, presentation and technical defence	20%	

CH - Class hours: 30 h.
NCH - Non-class hours: 20 h.
TH - Total hours: 50 h.

CONTENTS

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources

Moodle Platform
Subject notes
Video projections
Class presentations
Technical articles

Bibliography

Castillo Clavero, A. M., Rastrollo Horrillo, M. Á., & Abad Guerrero, I. M. (2013). Casos prácticos de administración y dirección de empresas. Libro. Pirámide.

Jaime Eslava, J. de. (2010). Las claves del análisis económico financiero de la empresa. Libro (2ª ed. rev. y act). Esic.

Tarela Pereiro, J. M. (2016). Conceptos de ADE. para estudiantes de física e ingeniería electrónica. Servicio Editorial de la Universidad del País Vasco = Euskal Herriko Unibertsitateko Argitalpen Zerbitzua.

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