

## 1. BASIC INFORMATION

<b>Subject</b>	Budgetary Control
<b>Degree</b>	Degree in Aerospace Engineering of Aircraft
<b>School</b>	Escuela de Arquitectura, Ingeniería y Diseño
<b>Course</b>	4
<b>ECTS</b>	6 ECTS
<b>Type</b>	Optional
<b>Language</b>	English
<b>Delivery mod</b>	Face-to-face
<b>Semester</b>	First/Second
<b>Academic year</b>	2019/2020
<b>Coordinator</b>	

## 2. PRESENTATION

This course belongs to the “Transversal Knowledge to Engineering” module:

- Modern Language 6 ECTS (first year)
- History, Practice and Professional Deontology 6 ECTS (first year)
- Entrepreneurial Leadership 5 ECTS (second year)
- Budgetary Control 6 ECTS (second year)
- Creation of Companies 6 ECTS (optional)
- Multidisciplinary I 6 ECTS (optional)
- Multidisciplinary II 6 ECTS (optional)

## 3. COMPETENCIES AND LEARNING OUTCOMES

Core competencies:

- CB1: That students have demonstrated knowledge and understanding in a field of study that part of the basis of general secondary education, and is usually found at a level that, while supported by advanced textbooks, includes some aspects that will knowledge of the forefront of their field of study.
- CB2: That students can apply their knowledge to their work or vocation in a professional manner and have competences typically demonstrated through devising and sustaining arguments and solving problems within their field of study.

- CB3: That students have the ability to gather and interpret relevant data (usually within their field of study) to make judgments that include reflection on relevant social, scientific or ethical.
- CB4: To allow students to communicate information, ideas, problems and solutions both to a specialized and non-specialized audience.
- CB5: That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

Cross-curricular competencies:

- CT7: Ability to analyze and assess the social and environmental impact of the technical solutions.
- CT9: Knowledge, and ability to use business management technics and labour law, taking into account principles of equality between men and women, solidarity, and peace culture.
- CT10: Knowing the history of aeronautical engineering and analyze and assess the different elements and activities that make up the aeronautical sector.
- CT11: Understand the social, ethical and professional responsibility of the engineer's activity, in his field.
- CT16 (N3): To communicate and convey information, ideas and skills in the student's field of specialization, either in writing or orally, both to skilled and unskilled audiences (communication skills).
- CT17 (N2): Addressing the issues and challenges related to their area of expertise with flexibility, initiative, innovation, and dynamism (entrepreneurial profile).
- CT21: Self-acknowledgement for achieving high levels of performance in one's work, with a positive influence in substantially improving the results (Self Confidence).

*Notes: UNIQUE LEVEL: Competence developed at one level. Level 1 (N1): awareness about the importance of competences and basic application of it to several situations. Level 2(N2): interiorization and skillful handling of competences. Level 3 (N3): Full interiorization and handling of competences at any needed situation.*

Specific competencies:

- CE30: Knowing the history of engineering, in its field.
- CE31: Knowing the fundamentals of business ethics and corporate social and corporate responsibility
- CE32: Ability to multidisciplinary work.
- CE33: Ability to develop their profession using the English language.

Learning outcomes:

1. To discern against an ethical dilemma through reasoned and justified arguments.
2. To make critical appraisal judgments about their own and others' behaviors.
3. To understand the legal, economic and social aspects related to the use of information, and the access and the use of information in an ethical and legal way.
4. To use resources in a sustainable way and to prevent negative impacts on the natural and social environment.

5. To recognize the importance of communication in professional practice.
6. To apply interpersonal comprehension skills in different contexts.
7. To respect the norms of communication in multicultural environments.
8. To analyze issues from the perspectives of others and negotiate with them efficiently.
9. To assume an appropriate leadership style to each situation.
10. To understand the dynamics of working in groups and their effective management.
11. To recognize capacities and skills in others in order to manage their development.
12. To transform ideas into acts, assuming risks and overcoming obstacles.

## 4. CONTENTS

- Fundamentals of analytical accounting.
- Budget control techniques for projects.
- Budget control in the aerospace sector.

## 5. TEACHING-LEARNING METHODOLOGIES

The following table shows how the different types of activities are distributed and how many hours are assigned to each type:

Training Activities	hours
Lecture-based class	20
Integrative team work	60
Self-study	50
Mentoring, academic monitoring and assessment	20
<b>TOTAL</b>	<b>150</b>

## 6. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

Assessment criteria	Weight (%)
1. Exam, test and other type of assessment.	30%-35%
2. Reports, articles and informs.	15%-30%
3. Alternative system of assessment.	15%-30%

4. Conferences, company-tour visit and experiences in situ	10%-10%
6. Transversal skills (rubric)	10%-15%

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

### 6.1. First exam period

To pass the course in the first exam period, you must obtain a final course grade of at least 5 out of 10 (weighted average).

In order to be evaluated you must have a minimum of 50% attendance.

In the case, when the student do not reached the minimum required to pass any evaluable activity. The final grade will be:

- The mean average when the mean value is less than or equal to 4.
- 4 if the value of the mean average is greater than 4.

The grade will be considered as NP (Not Presented) when the student has not delivered any evaluable activity of which they are part of the weighted average.

### 6.2. Second exam period

To pass the course in the second exam period, you must obtain a final course grade of at least 5 out of 10 (weighted average).

In order to be evaluated you must have a minimum of 50% attendance.

In the case, when the student do not reached the minimum required to pass any evaluable activity. The final grade will be:

- The mean average when the mean value is less than or equal to 4.
- 4 if the value of the mean average is greater than 4.

The grade will be considered as NP (Not Presented) when the student has not delivered any evaluable activity of which they are part of the weighted average.

## 7. BIBLIOGRAPHY

Recommended bibliography will be updated.

## **8. DIVERSITY MANAGEMENT UNIT**

Students with specific learning support needs:

Curricular adaptations and adjustments for students with specific learning support needs, in order to guarantee equal opportunities, will be overseen by the Diversity Management Unit (UAD: Unidad de Atención a la Diversidad).

It is compulsory for this Unit to issue a curricular adaptation/adjustment report, and therefore students with specific learning support needs should contact the Unit at [unidad.diversidad@universidadeuropea.es](mailto:unidad.diversidad@universidadeuropea.es) at the beginning of each semester.