



POLITÉCNICA

INTERNATIONAL
CAMPUS OF
EXCELLENCE

COORDINATION PROCESS OF
LEARNING ACTIVITIES
PR/CL/001



E.T.S. de Ingenieros
Informáticos

ANX-PR/CL/001-01

LEARNING GUIDE

SUBJECT

103000937 - Fundamentals Of Finance

DEGREE PROGRAMME

10BB - Eit Digital Master Programme On Fintech

ACADEMIC YEAR & SEMESTER

2020/21 - Semester 1

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1. Description

1.1. Subject details

Name of the subject	103000937 - Fundamentals Of Finance
No of credits	6 ECTS
Type	Compulsory
Academic year of the programme	First year
Semester of tuition	Semester 1
Tuition period	September-January
Tuition languages	English
Degree programme	10BB - Eit Digital Master Programme On Fintech
Centre	10 - Escuela Tecnica Superior De Ingenieros Informaticos
Academic year	2020-21

2. Faculty

2.1. Faculty members with subject teaching role

Name and surname	Office/Room	Email	Tutoring hours *
Ziba Habibi Lashkari (Subject coordinator)	5218	ziba.habibi@upm.es	Sin horario. No schedule. To be agreed with student

* The tutoring schedule is indicative and subject to possible changes. Please check tutoring times with the faculty member in charge.

3. Skills and learning outcomes *

3.1. Skills to be learned

CE-EIT05 - Capacidad para definir el plan de marketing y su expansión internacional para un producto o servicio tecnológico, negociando con otros actores en el área TIC su participación en la cadena de valor, creando una estructura comercial y una estrategia de precios.

CE-EIT06 - Capacidad para reconocer, abordar y sugerir maneras para tratar los diferentes retos (madurez, propiedad intelectual, etc.) en el proceso de explotar una tecnología para crear un negocio.

CE-FT08 - Capacidad para conocer las últimas tecnologías aplicadas a las finanzas

3.2. Learning outcomes

RA2 - Apply the acquired knowledge in real context

* The Learning Guides should reflect the Skills and Learning Outcomes in the same way as indicated in the Degree Verification Memory. For this reason, they have not been translated into English and appear in Spanish.

4. Brief description of the subject and syllabus

4.1. Brief description of the subject

Fundamental of finance is a course that will cover relevant topics regarding financial decision making. The most important aim of this course is to introduce the tools and techniques of financial management to the students and teach them how to use the managerial decision-making.

4.2. Syllabus

1. Introduction to Financial Management
2. Fundamental Concepts in Financial Management
3. Financial Assets
4. Capital Budgeting
5. Capital structure and Dividend Policy
6. Working Capital Management, forecasting and Multinational Financial Management

5. Schedule

5.1. Subject schedule*

Week	Face-to-face classroom activities	Face-to-face laboratory activities	Distant / On-line	Assessment activities
1	Topic 1 Duration: 03:00		Topic 1 Duration: 03:00	
2	Topic 2 Duration: 03:00		Topic 2 Duration: 03:00	
3	Topic 2 Duration: 03:00		Topic 2 Duration: 03:00	
4	Topic 2 Duration: 03:00		Topic 2 Duration: 03:00	
5	Topic 2 Duration: 03:00		Topic 2 Duration: 03:00	
6	Topic 3 Duration: 03:00		Topic 3 Duration: 03:00	
7	Topic 3 Duration: 03:00		Topic 3 Duration: 03:00	
8	Topic 3 Duration: 03:00		Topic 3 Duration: 03:00	
9	Topic 3 Duration: 03:00		Topic 3 Duration: 03:00	
10	Topic 4 Duration: 03:00		Topic 4 Duration: 03:00	Individual assignment Continuous assessment Presential Duration: 03:00
11	Topic 4 Duration: 03:00		Topic 4 Duration: 03:00	
12	Topic 4 Duration: 03:00		Topic 4 Duration: 03:00	
13	Topic 5 Duration: 03:00		Topic 5 Duration: 03:00	

14	Topic 5 Duration: 03:00		Topic 5 Duration: 03:00	
15	Topic 6 Duration: 03:00		Topic 6 Duration: 03:00	
16	Topic 6 Duration: 03:00		Topic 6 Duration: 03:00	
17				Final Exam Final examination Not Presential Duration: 03:00 Exam Continuous assessment Presential Duration: 03:00

Depending on the programme study plan, total values will be calculated according to the ECTS credit unit as 26/27 hours of student face-to-face contact and independent study time.

* The schedule is based on an a priori planning of the subject; it might be modified during the academic year, especially considering the COVID19 evolution.

6. Activities and assessment criteria

6.1. Assessment activities

6.1.1. Continuous assessment

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
10	Individual assignment		Face-to-face	03:00	50%	5 / 10	CE-FT08 CE-EIT06 CE-EIT05
17	Exam		Face-to-face	03:00	50%	5 / 10	CE-FT08 CE-EIT06 CE-EIT05

6.1.2. Final examination

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
17	Final Exam		No Presential	03:00	100%	5 / 10	CE-FT08 CE-EIT06 CE-EIT05

6.1.3. Referred (re-sit) examination

Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
Final Exam		Face-to-face	03:00	100%	10 / 10	

6.2. Assessment criteria

The course will be based on individual assignments. The students need to work on different case studies and then write an essay to analyze the situations of the cases and find a financial solution for them. These essays will be 50% of their marks. Also, that will have a final exam that will be based on the content of the course, and it will have another 50% of their marks. They need to have more than 5 to 10 for each one of them. If they can not have it, they will be suspended in this course.

7. Teaching resources

7.1. Teaching resources for the subject

Name	Type	Notes
Fundamentals of Corporate Finance	Bibliography	Brealey, Myers, Marcus, McGraw-Hill.
Financial Management Principles and Applications	Bibliography	Keown, Martin, Petty, Scott. Prentice hall.