



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

10AZ - Master Universitario En Innovación Digital

### ACADEMIC YEAR & SEMESTER

2021/22 - Semester 1

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## 1. Description

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### 1.1. Subject details

<b>Name of the subject</b>	103000937 - Fundamentals Of Finance
<b>No of credits</b>	6 ECTS
<b>Type</b>	Optional
<b>Academic year of the programme</b>	First year
<b>Semester of tuition</b>	Semester 1
<b>Tuition period</b>	September-January
<b>Tuition languages</b>	English
<b>Degree programme</b>	10AZ - Master Universitario en Innovación Digital
<b>Centre</b>	10 - Escuela Tecnica Superior De Ingenieros Informaticos
<b>Academic year</b>	2021-22

## 2. Faculty

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### 2.1. Faculty members with subject teaching role

<b>Name and surname</b>	<b>Office/Room</b>	<b>Email</b>	<b>Tutoring hours *</b>
Ziba Habibi Lashkari (Subject coordinator)	5217,IMDEA:2 84	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 \*

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### 3.1. Skills to be learned

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-FT02 - Capacidad para analizar problemas de naturaleza financiera y su resolución mediante aplicación de tecnologías de la información y la comunicación

CE-FT03 - Capacidad para entender los conceptos básicos relacionados con las industrias del sector financiero, incluyendo dominios de fintech, proptech e insurtech

### 3.2. Learning outcomes

RA14 - Apply the acquired knowledge in real contexts

RA106 - - - In depth understanding of the basic entrepreneurial finance

\* 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

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### 4.1. Brief description of the subject

Fundamentals 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 managerial decision-making. Also, the course will focus on the FinTech market in order to discuss each topic.

## 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				
2	<b>Topic 1</b> Duration: 03:00			
3	<b>Topic 1</b> Duration: 03:00			
4	<b>Topic 2</b> Duration: 03:00			
5	<b>Topic 3</b> Duration: 03:00			
6	<b>Topic 3</b> Duration: 03:00			
7	<b>Topic 4</b> Duration: 03:00			
8	<b>Topic 4</b> Duration: 03:00			
9				
10	<b>Topic 5</b> Duration: 03:00			<b>Individual assignment</b>  Continuous assessment Presential Duration: 03:00
11	<b>Topic 5</b> Duration: 03:00			
12	<b>Topic 6</b> Duration: 03:00			
13	<b>Tema 6</b> Duration: 03:00			
14				
15	<b>Topic 6</b> Duration: 03:00			

16				<b>Final Exam</b> Continuous assessment Presential Duration: 03:00
17				<b>Exam</b> Final examination 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-EIT06 CE-FT03 CE-FT02
16	Final Exam		Face-to-face	03:00	50%	5 / 10	CE-FT02 CE-EIT06 CE-FT03

#### 6.1.2. Final examination

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
17	Exam		Face-to-face	03:00	100%	5 / 10	CE-EIT06 CE-FT03 CE-FT02

#### 6.1.3. Referred (re-sit) examination

Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
Final Exam		Face-to-face	03:00	100%	5 / 10	CE-EIT06 CE-FT03 CE-FT02



## 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. Each one of these essays will be 50% of their Final marks. They need to have more than 5 to 10 for each one of them. If they can not pass these exams, they will be suspended. Then, they need to attend another exam which is based on case studies too and it will have 100% of their final mark. If they fail this part, they need to attend the extraordinary exam which has 100% of their final mark. If they fail all these exams, they will be suspended.

## 7. Teaching resources

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### 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.