

# Introduction

Advanced Financial Management

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# Introduction

- Academic experience
  - Nova SBE, Finance department (2024-present)
  - Tilburg University, Finance department (2017-2024)
  - Teaching experience: Corporate Finance, Asset Pricing, Econometrics
  
- Education
  - PhD, Cemfi, Economics
  - BA in Business Administration, Carlos III

# Relevant contact information

- Email: julio.crego@novasbe.pt
  - Office hours: Wednesday 14:00-16:00 by appointment using Calendly, Teams call.
  
- Graders
  - Sofia Tomás, [sofia.tomas@novasbe.pt](mailto:sofia.tomas@novasbe.pt)
  
- Moodle code: AFM\_2425\_Spring

# Prerequisites

The course assumes familiarity with:

- Basic economics
- Basic statistical concepts (mean, variance, linear regression)
- Basic calculus
- Excel spreadsheet

# Blended format



## Video lectures

Videos with course content:

- Posted at least 12 days in advance always **on Fridays** (see Calendar for list of dates)
- Learn at your own pace
- Time management is key

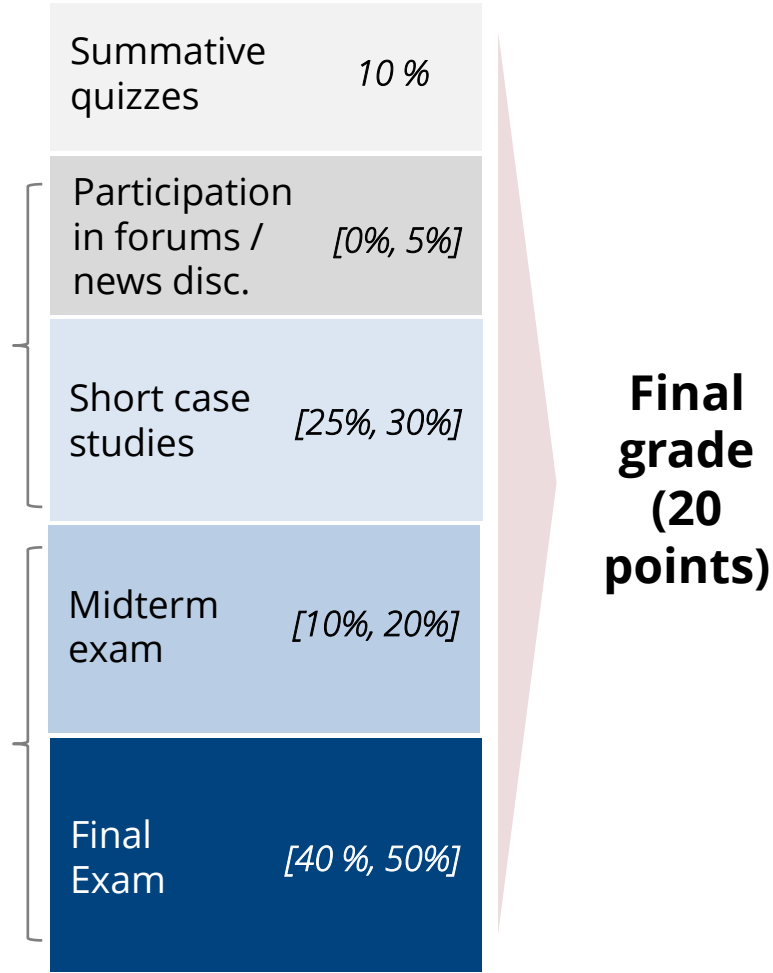


## In-class lectures

Discussion of content learned:

- Short summative quiz about the material in videos
- Review of key concepts and clarifications of doubts about the material
- Exercises
- Discussion of news

# Assessment

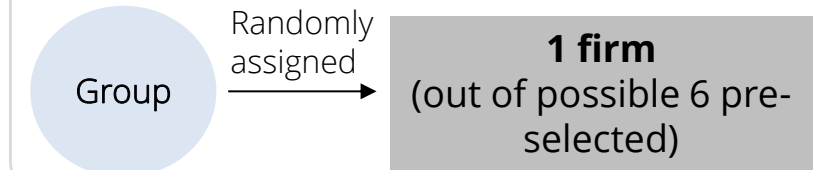


## Summative quizzes

- short quiz in every in-class lecture
- 10 quizzes from week 2 to week 12, these quizzes will be graded
- in each class, the quiz will comprise:
  - 2 multiple choice questions
  - each question has a value of 1.125 points
  - Total points possible = 22.5 pts
  - grade =  $\min\{20, \text{total quiz grade}\}$

## Short case studies

- **groups of 4 or 5** following Nova's diversity criteria:
  - at least 2 nationalities, gender diversity, at least one member from outside Nova, at least one member with background not in Business or Economics
- 2 case studies
- grade =  $\max\{\text{grade CS1}, \text{grade CS2}\}$
- peer assessment:  $\uparrow / \downarrow$  grade at most 1 pt



## Final grade

10% Quiz + 10% Midterm + 10%  $\max\{\text{Midterm}, \text{Exam}\}$  + 40% Exam + 25% Case studies + 5%  $\max\{\text{Participation}, \text{Case studies}\}$

You are required to do the final exam. However, there is no minimum grade required in the final exam to pass the course.

# Course Structure

	Decisions	Topic
①	Investment	<ul style="list-style-type: none"> <li>▪ 01 Time Value of Money</li> <li>▪ 02 TVM – Interest rates and Cash-flows</li> <li>▪ 03 Valuing Stocks and Bonds</li> <li>▪ 04 Risk and return diversification</li> <li>▪ 05 Portfolio Theory and CAPM</li> <li>▪ 06 Capital Budgeting</li> <li>▪ 07 Mergers and Acquisitions</li> </ul>
②	Financing	<ul style="list-style-type: none"> <li>▪ 08 Capital Structure</li> <li>▪ 09 Raising Equity Capital</li> </ul>
③	Payout	<ul style="list-style-type: none"> <li>▪ 10 Payout Policy</li> </ul>

