

SYLLABUS

FI409E_0101_26

Financial Tool Box

ACADEMIC AREA :	FINANCE AND GEOPOLITICS
PROGRAMME :	MASTER IBNG / PGE / UGTC LEVEL 4 PGE
PERIOD :	SPRING
COORDINATOR :	Dr. Christos ALEXAKIS
INSTRUCTOR(S) :	Ms. Rania KOUDRI
CONTACT HOURS :	24.0 hours
STUDY TIME :	null hours (Class preparation, homework and assessments)
CREDITS :	4.0 ECTS
AOL :	NO

PRE-REQUISITE MODULES :

Basic knowledge of economics, accounting and finance

MODULE DESCRIPTION :

The main objectives of this course are to explain the key concepts in finance and illustrate how to apply them to making strategic managerial and business decisions

CONTRIBUTION TO PROGRAMME LEARNING OBJECTIVES :

- Leverage the economic, ecological, social performance of the firm and its operations to Change Business models #ChangeBusiness

MODULE INTENDED LEARNING OUTCOMES (ILOs) :

By the end of the module the students should: 1. Understand the financial markets 2. Understand the importance of the accounting statements. 3. Understand time value of money 4. Value stocks and bonds 4. Evaluate investment projects 5. Estimate a corporation's cost of capital 7. Understand the pillars of ESG

TOPICS COVERED :

The financial environment Forms of capital Financial statements and financial statement analysis Time value of money Valuation of financial assets Capital investment decisions Cost of Capital ESG

RESEARCH-LED TEACHING :

Case studies are used also recent research on green financial products

CSR AND SUSTAINABLE DEVELOPMENT GOALS :

By using financial tools we may create stronger companies with more jobs and income for families. In addition, companies must be socially responsible and ethical and not only profit maximizing for their shareholders.

CSR NB HOURS :

6

SUSTAINABLE DEVELOPMENT GOALS COVERED :

- 01 - No poverty
- 05 - Gender equality
- 12 - Responsible consumption and production
- 13 - Climate action

TEACHING METHODS :

Lectures will be employed to emphasize theoretical concepts and analytical methods. In-class exercises and case studies will complement the lectures. Students are required prior to the sessions to refer to chapters in the textbooks and additional readings assigned for each session. Students are greatly encouraged to follow the financial press on a regular basis, such as FT and WSJ, and check web sites such as Bloomberg, Dow Jones, Reuters.

METHODS OF ASSESSMENT :

Continuous/Final	Group/Individual	Assessment	Weight	Duration	ILOs assessed
Continuous	Group	Written in class	30%		All
Final	Individual	Final written exam	70%	3 Heures	All

Assessment 1 details:

Objective: Create a simple business plan and show if it can make money. Prepare a mini presentation (up to 10 slides) to share your idea in a way that makes people interested in your business plan

The Idea Talk should contain the following:

1. Business Idea: Explain your product or service and who will use it.
2. Main value: Describe the main reason customers would choose your product or service.
3. Revenue Plan: Explain how your idea will make money and what are the main costs involved.
4. Financial Summary: keep it simple with 1 year Income statement (revenue, cost, profit margin).
5. Financial Ratios: Choose 2 ratios and explain why.
6. Viability check: Show the strengths and weaknesses of your business idea (SWOT analysis).
7. Sustainability check: Explains how the idea can keep going and help the environment.

8.Creative pitch: Close with a quick speech that sells your idea.

Learning Outcomes for the students:

Students will understand and learn to connect the basic financial concepts to real business ideas.

Assessment 2 details:

Critical and technical questions

ACADEMIC INTEGRITY :

Academic misconduct encompasses various behaviors or actions that violate the principles of academic integrity, fairness, and honesty, thereby undermining the credibility of academic work, assessments, or research. Examples of academic misconduct include:

- Cheating
- Plagiarism
- Fabrication
- Gaining an unfair advantage
- Assisting others in committing academic misconduct, such as by utilizing generative AI
- Falsification of records or official documents
- Unauthorized access to restricted information or data
- Unauthorized or unethical use of generative AIS

Academic misconduct is a serious offense and can result in consequences such as module failure, research project failure, or even expulsion from the school. To prevent unintentional academic misconduct, it is essential to consult with your instructor to understand the specific rules and instructions pertaining to the use of AI in learning and assessment.

For more comprehensive information on academic integrity rules, principles, and disciplinary procedures, please refer to the Academic Integrity section of the Student Handbook.

BIBLIOGRAPHY :

Textbooks in Finance (based on year of first edition)

Financial Management: Theory & Practice by Eugene F. Brigham and Michael C. Ehrhardt, Cengage Learning, 1971

Corporate Finance by Stephen A. Ross, Randolph W. Westerfield, and Jeffrey F. Jaffe, McGraw-Hill Education, Year of Publication: 1977

Investment Analysis and Portfolio Management by Frank K. Reilly and Keith C. Brown, Cengage Learning, 1979 (first edition) [eBook 2024 edn <https://bit.ly/4obgW4C>]

Principles of Corporate Finance by Richard A. Brealey, Stewart C. Myers, and Franklin Allen McGraw-Hill Education, 1981 (first edition) [eBook 2022 edn <https://bit.ly/3MeWdiZ>]

Options, Futures, and Other Derivatives by John C. Hull, Pearson, 1988 [eBook 2021 edn <https://bit.ly/4rde5uF>]

Financial Markets and Institutions by Frederic S. Mishkin and Stanley G. Eakins, Pearson, 1995 [eBook 2023 edn <https://bit.ly/4bQww0s>]

Financial Statement Analysis and Security Valuation by Stephen H. Penman, McGraw-Hill Education, 2001

International Financial Management by Geert Bekaert and Robert Hodrick, Pearson, 2001

Fundamentals of Corporate Finance by Jonathan Berk, Peter DeMarzo, and Jarrad Harford, Pearson, 2024

Behavioral Finance: Psychology, Decision-Making, and Markets by Lucy Ackert and Richard Deaves, Cengage Learning, 2009.

Additional Reading

course material (slides)

MODULE PLAN SESSIONS :

Plan Session 01 :

The Financial Environment : Fundamentals of Business Planning and Financing

Plan Session 02 :

Accounting Practices and Financial Statements for Business 1/2

Plan Session 03 :

Accounting Practices and Financial Statements for Business 2/2

Plan Session 04 :

Time value of money, present and future value, annuities, perpetuities, practical cases of valuation (stocks and bonds)

Plan Session 05 :

Capital Budgeting Methods for Investment Decision Making

Plan Session 06 :

Applications of Capital Budgeting

Plan Session 07 :

Cost of capital in investment decisions, cost of debt and cost of equity, CAPM and alternative methods for the cost of equity,

Plan Session 08 :

ESG metrics in a business plan

