



FINANCE DE MARCHÉ

MARKET FINANCE

Lecturers: Christian DE PERETTI

| Lecturers : 16.0 | TC : 12.0 | PW : 0.0 | Autonomy : 4.0 | Study : 0.0 | Project : 0.0 | Language : FR

Objectives

The objective of this course is to provide a summary of the knowledge needed to practice capital markets and derivatives finance.

This module will also facilitate the follow up of some IM financial options in the 3rd year and of the Master SAFIR (Actuarial and Financial Sciences and Risk Engineering).

The course will develop the basics of asset and derivative valuation and management.

Keywords : asset valuation, portfolio management, financial derivatives.

Programme

- Part I: Introduction to Capital Market Finance
 - o Chap. 1 : The Value of Time
 - o Chap. 2 : The Money Market
 - o Chap. 3 : Bonds
 - o Chap. 4 : Equities
 - o Chap. 5 : Derivatives
 - o Chap. 6 : Ethics in Finance, Virtuous Funds, "Vice" Funds
- Part II : Managing Equity-Bond Portfolios

Learning outcomes

- Methodological skills for finance professionals.

Independent study

Objectifs : This activity is not concerned with framed autonomy activities outside personal work.

Méthodes : This activity is not concerned with framed autonomy activities outside personal work.

Core texts

Edwin J. Elton, Martin J. Gruber, Stephen J. Brown, William N. Goetzmann, *MODERN PORTFOLIO THEORY AND INVESTMENT ANALYSIS*, Wiley, 2014
J.C. Hull *OPTIONS, FUTURES, AND OTHER DERIVATIVES*, Times Books, 2011
M.W. Baxter and A.J.O. Rennie *FINANCIAL CALCULUS*, Cambridge University Press, 1996

Assessment

- A one-hour written intermediate exam (during class time) halfway through the course.
- Final written examination of two hours in the form of exercises.
- Participation bonus