

## Financial Derivatives in trading

### **General objectives:**

This course is aimed at all professionals who wish to acquire knowledge and skills for trading in financial derivatives.

### **Specific objectives:**

At the end of the course the learners are able to:

- Master derivatives functioning markets in Portugal, including the legal framework;
- Identify key mechanisms of Future, Options and other derivatives operations;
- Assess the risks inherent in derivatives products and the factors influencing its value;
- Identify how to build related products and know the reasons that can lead to your success / failure.

### **Target Audience:**

All professionals who need to know about financial derivatives.

### **Hours:**

18 hours.

### **Program Contents:**

#### **Module I - Fundamental Concepts**

- History
- Future Markets
- Option Markets
- Derivatives Concept

#### **Module II – Future and Option Markets Functioning**

- Market's Formal and Functional Segmentation
- Agents Interveners
- Security Mechanisms
- Closing Positions
- Physical and Financial Settlement
- Trading/Transaction

### Module III – Derivatives Economic Role

- Hedging
- Speculation
- Arbitration

### Module IV – Futures

- Fundamental Concepts
- Fundamental Characteristics
- Daily Margins and Adjustments
- Basic Performance Strategies
- Private Cases Futures
- Futures on Stock Indices
- Futures Interest Rates
- Futures on Stocks
- Futures Currencies

### Module V – Options

- Characterization: Purchase Options (Calls) and Sell Options (Puts)
- Categories Types and Options
- Technical Specifications Options Contracts
- Determinants of price options
- Strategic Basic Performance:
- Purchase a Call Option (Call)
- Purchase of a Put Option (Put)
- Selling a Call Option (Call)
- Selling a Put Option (Put)

### Module VI – Alternative Instruments

- Warrants
- Case Studies
- Certificates
- Case Studies
- Contracts for Differences (CFD's)
- Case Studies
- Forward Cambial
- Forward Rate Agreements (FRA's)