



SUBSIDISED PROGRAMME

Shipping Derivatives and Risk Management

Frederick University, in collaboration with the Classification Society Det Norske Veritas – Germanischer Lloyd (DNV GL), introduce a Professional Training course in Shipping Derivatives and Risk Management.

The aim of this seminar is to provide insights in the areas of Derivatives and Risk Management in Shipping. Due to the volatility of the business environment in which shipping and shipping related companies operate, it is imperative for them to identify and effectively manage the different sources of risk they face on their daily complex operations. Implementing risk management strategies and gaining the competitive advantage with the use of Derivatives can make the difference between being able to stay in business or not. The seminar covers the fundamental topics to bring the participants to the forefront of developments in the areas of Shipping Derivatives and Risk Management.

This Training Course addresses the needs of professionals, which may be directly or indirectly involved in the integrated Cypriot Maritime Network and provides comprehensive knowledge and understanding of the structures, processes and institutional practices of shipping in the marketplace. It has been approved by the Human Resources Development Authority of Cyprus (HRDA) which heavily subsidizes the participation cost.

LEARNING OUTCOME

Attendees of the seminar will be able understand fundamental concepts of the financial risk management process and identify financial risks in a corporate setting. They will also familiarise themselves considerably with the way that financial markets work and trade risk. Participants will also be able to propose, price and implement derivatives strategies across various products and underlying in order to modify the risk exposure and expected future cash flows on a business level. They will understand the special nature of derivatives in shipping industry and will be able to execute derivatives trades across the most liquid shipping indices. Furthermore, they will also form a mind-set for dealing with financial risk and thinking of derivatives strategies on an enterprise wide level.

WHO SHOULD ATTEND?

The seminar is addressed to employed members seeking training in specialised shipping topics, suitable for professionals working within or are associated with shipping organisations that may benefit in terms of financial management, strategic planning, bunkering, freight and other shipping related activities, as well as in the banking sector for departments operating in shipping finance and investment. Participants will be provided with supporting material during the training. Upon satisfactory course completion, including a test, participants will receive a Certificate issued jointly by DNV GL and Frederick University.

WHERE AND WHEN

Venue: The courses will be held in the Frederick University Accredited Classes at: Limassol Campus, room 204.
Address: 18, Mariou Agathagelou Str., Agios Georgios Havouzas, Limassol 3080 - Telephone: +357 25730975

Date & Time: 29-31 May 14:20-19:50, 1 June, 10:00-15:30



FREDERICK UNIVERSITY



Τα προγράμματα εγκρίθηκαν από την Αν.Α.Δ. Οι επιχειρήσεις/ οργανισμοί που συμμετέχουν με κερδοσκοπικούς τόνους, καθώς και οι άνεργοι, οι οποίοι μεταναστούν τις προτιμήσεις της Αν.Α.Δ. θα τύχουν της σχετικής επιχορήγησης.



PROGRAMME SUPPORT

Participants will have access to the necessary facilities of Frederick University as well as access to supporting material all of which is included in the course fee.

SEMINAR COST AND DURATION

The seminar's cost and duration for participation is presented on the table below:

Seminar Title	Duration	Participation Fee	HRDA Subsidy (for beneficiaries) ¹	Net cost to company
Shipping Derivatives and Risk Management	20 hours (4 days)	€450 + 19% VAT	€340	€110 + VAT (€85.50)

¹ Beneficiaries: working in companies/organisations (€340 subsidy) and unemployed (100%) provided that they satisfy the conditions laid down by the HRDA. No financial support is provided for self-employed and public servants. Beneficiaries pay the difference of participation cost that remains after the HRDA subsidy. For unemployed beneficiaries the participation is free.

MODULE SYLLABUS

Day 1

Overview of financial contracts and markets – Risk Management

- International financial markets overview
- Time value of money & cash flows
- Basic Risk Management concepts

Forward and Future contracts – Swap contracts

- Forward & Future Contracts
- Swap contracts

Day 2

Options and Options on Shipping Indices

- Basic concepts of options Theory
- Options on Shipping indices

Financial risks and the need for hedging

- Hedging cash flows and risks in practice

Shipping Derivatives introduction

- Financial Risk in the Shipping Industry
- Types of Shipping derivatives and their practical use in Shipping

Day 3

Shipping Derivatives in practice

- Case study 1: Hedging
- Case study 2: Risk taking
- Case Study 3: Correlation matching – Relative Value risk management

Day 4

Limitations of Shipping derivatives and risks of proxy hedging

- Case study 3: Hedging on long term relationships (correlation, cointegration, Beta)
- Case study 4: Hedging/risk taking on Indices
- Familiarization with excel based pricers of Shipping derivatives

** The Module assumes as basic prerequisite the familiarity of the participants with the shipping industry on at least a generic level, as well as some basic knowledge of algebra. Some statistical concepts required will be introduced on the module, but knowledge of statistics or familiarity with financial instruments will assist in gaining the most out of the course material.*

INSTRUCTOR'S CURRICULUM VITAE



Konstantinos Theodoropoulos, PhD

Financial Risk Manager – Proprietary Trader with ongoing professional financial derivatives experience of +12 years.

He is a banking industry practitioner, working as a portfolio risk manager in a Large Greek bank for the last 11 years. He has traded and executed various types of derivatives transactions over the years, as well as managed different types of financial instruments portfolios. He holds a Ph.D. in Shipping Derivatives and Risk Management from the University of Piraeus, and is a holder of Professional Risk Management certification from PRMIA.org. He has also participated in the IMAREX seminar for Trading Forward Freight Agreements – Freight Futures. His practical background in derivatives trading is matched with solid knowledge of the financial theory of derivatives and capital markets.

ADDITIONAL INFORMATION

For further information, you can contact Mr. Daniel Ellinas at 25730975 (ext. 124), bus.ed@frederick.ac.cy. In addition, you can visit Frederick Training and Examination Centre at www.frederick.ac.cy/EKEK and contact 22394489, ekek@frederick.ac.cy.