

**PREPARING TO THE FINANCIAL RISK MANAGER
FRM® CERTIFICATION PART II OF GARP**

ORGANISATION SHEET

Objectives	The seminar is fully consistent with the technical contents and objectives of the FRM® Part II examination administered in May and November, and provide a suitable preparation for this certification. Only the non-technical exam topics are not covered in the seminar.
Language	English without translation
Target group	<p>Persons with a good knowledge of English and with <u>more than three years of experience</u> in the field of Finance and/or Risk Management:</p> <ul style="list-style-type: none"> ➤ risk managers ; ➤ treasurers and traders ; ➤ risk analysts ; ➤ portfolio managers. <p>Priority will be given to candidates who already passed the FRM® Part I certification.</p>
Prerequisite	Participants in the seminar should have had prior exposure to quantitative methods. At a minimum, they should have taken the equivalent of an investment class in a conventional MBA program.
Participants	<u>20 participants</u> selected among candidates from the following invited countries : Armenia, Azerbaijan, Bosnia & Herzegovina, Bulgaria, China, Croatia, Czech Republic, Egypt, El Salvador, Estonia, Georgia, Hungary, Kazakhstan, Kosovo, Latvia, Lebanon, Lithuania, Macedonia, Moldova, Mongolia, Montenegro, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Tunisia, Turkey, Ukraine and Vietnam, and from the West African Economic and Monetary Union.
Dates	<p>From Monday 13 to Friday 17 October 2014</p> <p>Arrival on Saturday 11 October 2014</p> <p>Departure on Saturday 18 October 2014</p>
Material	<p>ATTF will provide the participants with the book “Financial Risk Manager Handbook” (6th edition), Wiley, by Philippe Jorion.</p> <p>Participants will also receive a complete syllabus during the course. These materials will be paid by ATTF.</p> <p>Participants planning to take the FRM Part II exam should complement their knowledge with the help of the 2014 FRM Part II books. A list of free readings may also be found on: http://www.garpdigitallibrary.org/display/frm_course_pack.asp</p>

Lecturer

Prof. Philippe Jorion is Chancellor's Professor of Finance at the Paul Merage School of Business at the University of California at Irvine. He holds an M.B.A. and a Ph.D. from the University of Chicago, and a degree in engineering from the Université Libre de Bruxelles. He also received a professorship "honoris causa" from the Université de Liège.

Prof. Jorion has authored more than 100 publications on the topic of risk management and international finance. Some of his most notable work includes "Value at Risk: The New Benchmark for Managing Financial Risk" (2006), the first definitive book on VAR, and the "Financial Risk Manager Handbook" (2010), which provides the core body of quantitative methods and tools for financial risk managers.

He is also a Managing Director at Pacific Alternative Management Company (PAAMCO), a global fund of hedge funds, where he is head of risk management.

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CONTENT

MARKET RISK

Introduction to market risk

Risk measurement methods, Value at Risk (VAR), stress tests, liquidity risk

Advanced risk models: Univariate

VAR methods (Delta-normal, historical simulation, Monte Carlo simulation), mapping, copulas

Advanced option models

Implied volatility, volatility swaps, convertible bonds

Mortgage-backed securities

Prepayment risk, option adjusted spreads, securitization, tranching, collateralized mortgage obligations

INVESTMENT RISK

Portfolio risk management

Risk and performance management, risk budgeting, VAR tools (marginal, incremental and component VAR)

Hedge Fund risk management

Hedge Fund strategies, issues with transparency, liquidity risk

CREDIT RISK

Introduction to credit risk

Drivers of credit risk

Measuring actuarial credit risk

Measuring default risk from default rates and recovery rates

Measuring credit risk from market prices

Using bond prices and stock prices, structural (Merton) models

Credit Exposure

Assessing current and potential credit exposure on bonds and derivatives

Credit Derivatives and Structured Products

Credit default swaps, collateralized debt obligations, tranching

Portfolio credit risk model

Pricing credit risk, measuring portfolio credit risk, measuring expected and unexpected credit risk, commercial models (e.g. CreditMetrics)

OPERATIONAL and INTEGRATED RISK

Operational risk

Approaches, assessment and management

Integrated risk management

Measuring economic capital, benefits of enterprise-wide risk management

The Basel risk charges

Basel I, II, and III charges against credit, market and operational risks Standardised approach, Internal Models Approach (IMA)