



www.PRMIA.org

Setting a Higher Standard in Risk Education

RISK MANAGEMENT EXECUTIVE EDUCATION PROGRAMS
2011

A COMPLETE COURSE IN RISK MANAGEMENT

A 6-DAY COURSE

Designed to meet the demands of risk professionals by bridging the gap between theory and practice in financial risk management.

PRMIA and IEEI jointly offer this intensive educational program featuring top faculty of IEEI, The American University in Cairo

8-13 January, 2011

International Executive Education Institute, IEEI
The American University in Cairo
New Cairo Campus
Cairo, Egypt



The program is funded by the Industrial Training Council, ITC, for companies registered on the Industrial Modernization Center, IMC, database





A Higher Standard for Risk Professionals

Formed in 2002 as a non-profit, member-led association of professionals, the Professional Risk Managers' International Association (PRMIA) is dedicated to advancing the standards of the risk profession worldwide through the free exchange of ideas. We are committed to providing resources to help our members achieve these standards from the cradle to the pinnacle of their careers.



The American University in Cairo was founded in 1919 by Americans devoted to education and community service in the Middle East. Today, AUC is the region's premier English-language university — an essential contributor to the social, political and cultural life of the Arab world.

IEEI – Leading regional platform for world class executive development and networking

Building on more than 30 years of experience in offering professional development programs in Egypt, the Arab region and Africa, the American University in Cairo established the International Executive Education Institute (IEEI) in 2008 to be the leading regional platform for world-class executive development and networking. IEEI mission is to enable current and emerging business leaders to master the necessary tools to grow their businesses in a challenging global environment.

EFFECTIVELY PRACTICING RISK MANAGEMENT requires a broad and solid foundation of knowledge. This intensive program, led by the faculty of one of the world's top business schools, provides delegates with just such a foundation.

Beginning with the essential elements of finance, risk measurement, markets and financial instruments, students are then introduced to the best practices of market, credit and operational risk management. The final sessions focus on integrating the knowledge gained into a capital allocation framework and study of governance best practices and some famous case studies of where things went wrong.

WHAT YOU WILL LEARN

- The essential foundations of risk measurement
- Portfolio analytics and portfolio theory
- Term structure of interest rates
- How to price a bond
- Pricing futures, forwards, options and swaps
- Essentials of credit derivatives
- Overview of OTC and exchange-traded markets
- Risk measures in fixed income and portfolios
- Value at Risk techniques – Analytic, Historical and Monte Carlo
- Stress testing and backtesting techniques
- Credit analysis, credit scoring and internal models
- An overview of popular public credit risk models
- Current best practices in operational risk
- Capital allocation – regulatory and economic
- Introduction to RAROC and RAPM
- Current governance best practices
- What went wrong in famous case studies and how to avoid repeating the mistakes

WHO SHOULD ATTEND

This program is designed to develop the knowledge and understanding of risk management practices for those advancing their careers in financial risk management. The foundations apply across all sectors: banking, insurance, asset management, hedge funds, energy, securities, regulation/supervision and more.

- **Chief Risk Officers and Heads of Risk Management** can use this program to develop the talents of their **key staff members**.
- **Market, Credit or Operational Risk Specialists** can use this program to expand their knowledge of other approaches to understanding risk.
- **Regulators, Auditors and Supervisors** can use this program to increase their expertise in validation of advanced risk management infrastructures.
- **IT Personnel** can use this program to improve the effectiveness of their work in building the risk management architecture of their organizations.
- **Financial Engineers** can use this program to enhance the application of their technical skills to the broader organization.

A COMPLETE COURSE IN RISK MANAGEMENT

Coffee breaks, lunch and refreshments will be provided each day.

AGENDA

DAY 1: SATURDAY JANUARY 8, 2011

FOUNDATIONS OF RISK MEASUREMENT

Statistics for risk: Mean, Variance, Correlation, Skew. Probability distributions useful for risk and financial models. Linear regressions and risk modeling fundamentals.

FOUNDATIONS OF RISK FINANCE THEORY

Risk theory in finance: risk appetites. Portfolio theory and related analysis. CAPM and its use in risk assessment. Capital structures and interest rate structures.

DAY 2: SUNDAY JANUARY 9, 2011

MARKETS AND FINANCIAL INSTRUMENTS

Bond pricing, options, futures, forwards, swaps, credit and other derivatives. Introduction to exchange markets and how such instruments trade across the globe.

CAPITAL ALLOCATION

Introduction to RAROC and RAPM, Regulatory Capital and Economic Capital

DAY 3: MONDAY JANUARY 10, 2011

MARKET RISK MANAGEMENT

Management of Market Risk in Organizations, Risk Measures in Bonds and Other Common Financial Instruments. Introduction to Value at Risk: Analytical VaR, Historical Simulations, Monte Carlo VaR Models, Portfolio Risk Measures, Portfolio Stress Testing and Backtesting.

DAY 4: TUESDAY JANUARY 11, 2011

CREDIT RISK MANAGEMENT

Management of Credit Risk, Risk of Default, Risk and Credit Agency Rating Frameworks, Credit Scoring, Modeling the Risk Credit Loss, and Probability of Recovery.

DAY 5: WEDNESDAY, JANUARY 12, 2011

OPERATIONAL RISK MANAGEMENT

Management of Operational Risk, Identifying Operational Risk Factors, Calculating Capital Charges, Role of Insurance, Hedges, and Swaps. Catastrophic Risk, Foundations for Modeling Operational Risk and Emerging Frameworks for Operational Risk.

DAY 6: THURSDAY, JANUARY 13, 2011

CRISIS MANAGEMENT AND NON-MARKET RISK

Management of Non-Market risk, including managing brands reputation. Responding to brand attacks, media-induced crisis, and using information to navigate crises successfully.

GOVERNANCE AND BOARD OF DIRECTORS ROLES

Management of Enterprise Risk, CEO and Board of Director Roles, Developing a Chief Risk Office, Communicating Risk in the Organization, Developing Governance to Manage Risk, Learning from Case Studies: LTCM, Orange County, Nokia/Ericsson, Barings, Sub-prime Crisis.

CLOSING SESSION

VENUE

International Executive Education Institute, IEEI
The American University in Cairo
New Cairo Campus
Cairo, Egypt

COURSE FEE

US \$3,500 per person

Fees include tuition, course material and certificate of participation. Hotel accommodations are the responsibility of the attendee. Contact ieei@aucegypt.edu for suggested lodgings.

REGISTRATION

You may register with PRMIA or IEEI.

PRMIA

Online: http://prmia.org/events/view_events.php?eventID=4249

Phone: +1 612-216-5370

E-mail: training@prmia.org

IEEI

Online: <http://www.aucegypt.edu/Business/ieei>

Phone: +202.2615.3309 or +2.017.381.5065

E-mail: ieei@aucegypt.edu

IMC FUNDED COMPANIES

Industrial Modernization Center (IMC) member companies applying for the course will pay the full fees to IEEI and provide IEEI with a copy of the Letter of Commitment issued by IMC before course start date. Companies will be reimbursed by IMC after the course ends at the agreed cost sharing level between the company and IMC.

INVOICING

Invoicing is available by contacting

- training@prmia.org or +1 612-216-5370
- ieei@aucegypt.edu or +202.2615.3309

CANCELLATION

A refund (less a US \$300 administration fee) will be made if formal notice of cancellation is received two weeks prior to the date of the event. We regret that no refunds will be made after that date. Substitutions may be made at no extra charge. ALL cancellation or transfer requests must be received in writing.

The program may be changed or cancelled due to unforeseen circumstances

CONTACT INFORMATION

The International Executive Education Institute (IEEI)
School of Business, The American University in Cairo
Tel: 20.2.2615.3309 – 20.17. 3815.065/ Fax: 20.2.2797.4915 /
ieei@aucegypt.edu

PRMIA Tel: +1-612-216-5370 / training@prmia.org

Deadline for application is December 30th, 2010



ADDITIONAL ACCREDITATION

As a participant in the CFA Institute Approved-Provider Program, PRMIA has determined that this program qualifies for 40 credit hours. If you are a CFA Institute member, notify training@prmia.org at any time after registration, and CE credit for your participation in this program will be automatically recorded in your CE Diary upon your completion of this training course.

COURSE FACULTY



Loay Amin

Loay Amin is the Head of Financial Reengineering at Commercial International Bank in Egypt, mainly in charge of financial procedures, financial compliance and key projects like IFRS, and Basel II implementation from finance perspective. One of his area's responsibilities is to engineer hedge accounting and all financial instruments and derivatives' valuation. He has been teaching for several years IFRS, derivatives valuation, hedging engineering and Basel II.

Loay has a deep exposure in the finance field through more than 16 years of experience and had on the job extensive commodities derivatives training in Deutsche Bank London. Mr. Loay has a Bachelor degree in accounting from Cairo University, an MBA in Banking and Finance from Maastricht School of Management (MsM), a Professional Diploma in Basel II from American Bankers Association (ABA) and Certified in Financial International Reporting Standards (IFRS) from Institute of Chartered Accountants in England and Wales (ICAEW). His master's thesis was titled "using Basel II as an assets and services pricing tool in the Egyptian Banks".



Tarek Bahaa Aly

Tarek Bahaa Aly is the Head of Marchket Risk Management at the Commercial International Bank in Egypt, mainly in charge of Marchket Risk Analytics, designing and modelling VaR modules, Stress Testing simulations, Scenario Analysis for non-linear exposures, Economic Value of Equity and Liquidity Stress Tests. He has conducted as well several modelling projects in the fields of Asset Management and has been teaching for several years Marchket Risk Management, Quantitative Methods for Financial Marchkets and Derivatives Securities. Tarek has a wide experience working in several financial organizations, in the fields of Trading and Asset & Liability Management (ALM).

Tarek has a Bachelor in Economics from the American University in Cairo 96, an MBA in Intentional Business from Maastricht School of Management 98, a M.Sc. in International Securities and Investment Banking from the ICMA Centre University of Reading 02 and Finally Tarek is a certified Professional Risk Manager (PRM) 08.



Ahmed ElSaid

Ahmed ElSaid is the co-founder and Managing Director of Al Bayan Capital Management and Kanzy Holding Limited. Mr. ElSaid has more than 16 years of experience in regional and multi-national commercial and investment banks.

Before joining Al Bayan and Kanzy, Mr. ElSaid successfully ventured a Financial Leasing Company, Nile Financial Leasing (NFL), which achieved more than 60% ROE and increased the shareholder value by 3 folds in less than 4 years. Mr. ElSaid holds an MBA degree received from the University of Maryland in the USA 2002, and conducts several courses in The Egyptian Capital Marchket Association (ECMA) and the AUC's Institute of Banking and Finance (IBF)



Moataz El Kassaby

Moataz El Kassaby is the head of operational risk management at the Arab National Bank (ANB) in Saudi Arabia. He is responsible for rolling out the operational risk management and measurement framework across the bank in line with Basel II and best practices. He has a wide experience in banking operations, Treasury, Audit, investment banking and Risk management, attained from working in different notable banks.

Mr. El Kassaby also participated in several successful banking projects for implementing a new Core Banking System, Treasury system, Cards, payment system, e-Check system, and bank's merger and acquisition. He holds a bachelor in accounting from Ain Shams University, International Certificate in Banking Risk and Regulation (ICBRR) from GARP, Certification in Control Self-Assessment (CCSA) from the IIA and operational risk certificate from Securities Investment Institute (SII).



Amira El Saeed

Amira El Saeed is the corporate governance operations officer for the IFC's Corporate Governance Projects for the Middle East and North Africa (MENA). As such, she focuses on providing technical assistance and advisory services to banks and companies on sound corporate governance practices, in particular through training events as well as corporate governance assessments and improvement plans. Amira has significant academic and hands-on experience in the Education and Training field; as an MBA Teacher, Lecturer, and training lead faculty.

Amira has written numerous articles on corporate governance-related topics in various Egyptian and regional economic newspapers and magazines. She holds a Master Degree in Business Administration (MBA) in Finance with grade distinction, she is Level Two Candidate, Certified Financial Analyst, 2008, CFA Institute, practiced for more than eight years as an Economic Specialist in the Chairman's Technical office - Capital Marchket Authority. Before joining the IFC, World Bank, Amira worked as the Division Head at the Egyptian Stock Exchange Technical Office.



Ahmed A. Shabana

Ahmed is an Ernst and Young Partner currently based in Cairo where he leads the Advisory service line. He also is the Practice Leader for the Financial Services Practice in the Middle East. As a US Partner he served a select group of large Clients in Chicago, New York and Zurich. He later served a 2 year assignment in Switzerland to assist two major global clients. He is focused on advisory services in the areas of risk remediation, IT security, Business transformation, Risk Management and operational compliance. He has led numerous large global strategic projects in these areas. His priMarchy industry experience is in the financial services and Telecommunications.

Ahmed has over 25 years of experience. He started his career with IBM where he focused on the technical deployment of airline reservation systems. While pursuing his Doctoral Degree at the University of California Los Angeles (UCLA) he worked as a senior computer consultant at UCLA's computer center where he led the computer emergency response team during the early and turbulent years of the Internet.

After receiving his PhD in Computer Information Systems, he was invited to join the faculty of Texas A&M University where he taught graduate courses in Network Design and Computer Security. In 1997 he became the founder and Director of the Advanced Technology Lab. The following year he accepted the position of CTO and was instrumental in bringing the right technologies to the meet curriculum and research requirements. In 2000 he joined Ernst and Young's Chicago's office. He has published numerous papers on e-business and security and has spoken at various national and international Information Technology conferences.

CONTACT INFORMATION

To contact PRMIA, send an e-mail to training@prmia.org or call +1 612-216-5370

To contact IE EI, send an e-mail to ieei@aucegypt.edu or call +202.2615.3309