The effective operational and technology risks management of the business has become an essential component of the IT (Information and Technology) Governance and other areas of the Organization. Rarely we hear a risk-based discussion specifically of the IT risk or, one that goes further than that, of the information security. This is really striking, taking into account that the majority of today’s business processes mainly depend on Information and Technology solutions, and that risk management is an important and necessary topic in the corporate governance.

This course offers a profound review of the risk framework and the process model that include the risk strategy and governance, risks evaluation and reaction to these. The course describes the responsibilities, planning elements, organization, operation and control of the IT risks. As well as, how to communicate the risk scenarios, impact in business and the key risk indicators.

**How to measure and anticipate the collapse of the main operational centre of a bank or financial institution?**

**What happen if because of a natural disaster my main centre and contingency centre are uninhabited?**

**Which are the minimum security measures that Banks or Financial Institutions need to implement for the users information security?**

**OBJECTIVES:**

- Provide a guide to help middle and top managers of banks and financial institutions to formulate key questions, take accurate and well-founded decisions with reference to IT risks.
- Provide tools that help save time, costs and effort when facing IT risks in the business.
- Integrate the management of IT-related risks with the business risks management.
- Help to understand topics such as risk appetite and risk tolerance of the firm in the IT field.
- Provide practical orientation about the needs of IT risk management in the organizations.
AFTER COMPLETING THE COURSE THE PARTICIPANT WILL BE ABLE TO:

1. Recognize how the risk framework can help to achieve better management practices of IT Risk.
2. Describe the principles of IT risk management: List the components of the reference models for IT Risk Management.
3. Apply the concepts of the model when realizing its full business benefits and results.
4. Explain how the risk framework refers to Cybersecurity.
5. Evaluate implementation and operational issues.
6. Establish and maintain a common view of the risks and make business decisions with IT risk awareness.
7. Develop IT risk plans for your organization.

PROGRAM:

1. Risk Management key elements.
3. IT Risk Strategy and Governance: Concepts related to risk appetite and risk tolerance, responsibilities and accountability for managing IT risks, awareness, communication and risk culture. IT Risk Assessment: Describe the impact of IT Risk in business areas supported by IT and risk scenarios. IT Risk response: Key Risk Indicators (KRI) and the definition of response to risks and prioritization.
5. Cybersecurity as an integration model of IT Risks and other Operational Risks and Business Risks.
   5.1. Appendices
   5.2. Reference material
   5.3. High Level Comparison of IT Risk
   5.4. to other frameworks and management standards of risks.
Gustavo Santana Torrellas is Executive Director of Ernst & Young. He previously was Senior Manager of Financial Sector Consulting area and was responsible for the commercial development of commercial clients and development banks also for the Infrastructure and Security areas.

Gustavo had worked with PwC since 2012 and participated in projects of IT Strategy, Development of models and solutions for Information Management and Security strategies Evaluation with emphasis on compliance with standards such as PCI and ISO27000.

He has extensive experience in project management of Technology Innovation and Integration, for IT Network Security, particularly in the analysis and design of Security Schemes, methodological and practical specifications to implement Security Schemes, Policies and Mechanisms.

Prior to join PwC, he developed technology consultancy activities in Accenture, from 2008 to 2012, previously worked as a Senior Researcher in the Mexican Petroleum Institute dedicated to the optimization of drilling oil (2002 - 2008), he was coordinator of research and systems development at INAP (1999-2002), was coordinator of the learning unit and distance education from the IPN (1997-1999).

He has published over 120 research papers in international journals and conferences in the areas of Security, Information Systems, Mathematical Methods and Administration. Gustavo Santana has a BS in Mathematics and Computer Engineering from the Simon Bolivar University in Caracas, Venezuela. He received the degree of Master of Science in Mathematics from the State University of Odessa, Ukraine, and have a PhD in Mathematics and PhD in Telecommunications Engineering from the Bonch Bruevich Institute in St. Petersburg, Russian Federation. He also had studied the MBA program from the College of Business and Management of IPN.
REGISTRATION

TELEPHONE: +52 (55) 5638 0367 & + 52 (55) 5669 4729
E-MAIL: derivatives@riskmathics.com

WWW.RISKMATHICS.COM

Venue: Hotel JW Marriott Santa Fe
Avenida Santa Fe 160
Col. La Fe Santa Fe, CDMX.

Price: $20,000 M.N. + IVA

LIMITED OPENINGS

PAYMENT METHODS:

Bank Transfer in US Dollars (Foreign Institutions)
(RESIDENTES E INSTITUCIONES ESTABLECIDAS EN EL
EXTRANJERO)
BANK: BBVA Bancomer
BRANCH NUMBER: 0956
SWIFT: BCMRMXMM
BENEFICIARY: RiskMathics, S.C.
ACCOUNT NUMBER: 0121 8000 11 0583 0066

Pago vía telefónica con Tarjeta de crédito VISA,
MASTERCARD o AMERICAN EXPRESS

Credit Card: VISA, MASTERCARD or AMERICAN EXPRESS.

IMPORTANT NOTICE: There will be no reimbursements.