Emerging Technologies Workshop

Who Should Attend: Internal Auditors; Control and Compliance Professionals; New IT Auditors; Fraud Management Professionals; Risk Managers; Financial, Operational, Business Applications, and External Auditors; IT Management; and Security Professionals.

Course Descriptions:

This 2-day course is designed to provide participants with an overview of the emerging technologies, and the practical skills required for their governance, control and audit.   The emerging technologies to be covered in this course will include, but not limited to, Cloud Computing, Big Data, AI and Machine Learning, Internet of Things, Driverless Cars, Drones, Emerging Shopping Experience, Augmented and Virtual Reality, and Blockchain.   Our facilitator is gifted with the skill to present technical subjects in layman's language, to enhance the understanding by the audiences.

Using ready-to-use tools and exercises, you will learn how to provide effective recommendations to Senior Management in reaction to emerging technologies in a practical and efficient manner.   Our multi-awards-winning facilitator will guide you through these tools, and also share his experiences with you.   He will also introduce to you the latest innovation techniques in relation to emerging technologies.

Objectives:
- To gain an understanding of emerging technologies and their impact to your business.
- To understand the role of internal auditors in regards to emerging technologies.
- To gain information on benefits and opportunities, common risks, and challenges.
- To explore the new business environment in the era of Internet of Things.
- To appreciate the importance of innovation in relation to emerging technologies.
- To learn from experiences of other organisations which have embraced emerging technologies to achieve the desired business objectives.
- To appreciate how to leverage on the key concepts of the COBIT Framework to further enhance the value that you can provide to the organization in relation to emerging technologies.

<u>Agenda:</u>

Emerging Technologies Fundamentals
- What are Emerging Technologies?
- Essential Characteristics of Emerging Technologies
- Key Trends and Drivers
- Benefits and Value of Emerging Technologies
- Challenges of Emerging Technologies

Security and Emerging Technologies
- Business Impact and Risks
- Security Concerns
- Risk Management Considerations
- Security and Control Frameworks for Emerging Technologies

Emerging Technologies Governance and Assurance
- Business and Governance of Enterprise IT (GEIT)
- Governance Considerations
- Assurance of Emerging Technologies
- Focus on Internal Organisational Capabilities and Readiness

Emerging Technologies Auditing
- Audit Objectives and Scope
- Minimum Audit Skills
- How to leverage on COBIT to provide assurance
- IT Control Objectives for Emerging Technologies
- Determining priorities

Innovation
- What is Innovation?
- How to embrace Innovation?
- What needs to be changed?
- Innovation Tools and Techniques

Professor Frank Yam
Chairman & CEO of Focus Strategic Group Limited

Professor Frank Yam is the Chairman and CEO of Focus Strategic Group Limited, a consulting firm providing Business and Technology advisory services, with special focus on compliance, internal auditing, IT auditing, risk management and cyber-security. He has been very active in professional and community services and served in leadership role of numerous local and international professional bodies.   Most notably, Professor Yam served six terms as the Director and International Vice President of ISACA International with over 140,000 members around the world.   He was also the founder of the ACFE Hong Kong Chapter.

Mr. Yam is a very popular speaker of a wide variety of topics at seminars and conferences for professional organisations and government agencies, including many Central Banks, the INTERPOL and the Asian Development Bank. In recent years, Frank has been focusing on promoting the awareness and best practices of Innovation based on Design-Thinking, Corporate and IT Governance, Risk Management and Internal Controls, Frauds, and Cyber-security in the Asia Pacific Region.

Mr. Yam is the recipient of numerous awards for his contribution to the profession, including the prestigious International Best Speaker Award by ISACA International, and the top alumni honour, Alumni Achievement Medal, by the University of Waterloo's Faculty of Mathematics. He was elected as Fellow of several leading professional associations, including the Hong Kong Institute of Directors, the Hong Kong Computer Society, The Institute of Public Accountants, the Institute of Financial Accountants, and the Hong Kong IT Joint Council.   He also has an Executive Master degree in Innovation Leadership.