Introduction to SDLC and Change Management

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Core Competencies – C13

Session Abstract

This is an introductory-level course designed to provide a high-level overview of Systems Development Life Cycle and Change Management to new IT Auditors. It will:

- Define and describe change management, how it fits within the systems development life cycle, and the risks and internal controls associated with the process
- Introduce common programs to audit change-management and systems development controls
- Identify tools that support change management and systems development
- Discuss challenges that organizations are facing in change management and systems development today

Target Audience

Anyone interested in gaining a better understanding of SDLC and Change Management, and the challenges within these processes.

- Skill Level – Beginner and Intermediate
- Profile – Financial and beginning IT auditors, business stakeholders
- Occupational Experience – Entry to level Auditors, Business Managers

COBIT Objectives

PO 4.6   Establishment of Roles and Responsibilities
PO 4.11   Segregation of Duties
PO 8.0   Manage Quality
PO 10.11   Project Change Control
AI 1.0   Identify Automated Solutions
AI 2.0   Acquire and Maintain Application Software
AI 6.0   Manage Changes
ME2.0   Monitor and Evaluate Internal Control
ME3.0   Ensure Compliance With External Requirements

Speaker Bio

Steve Owyoung, CISA, is a member of KPMG's Advisory practice in San Francisco with 13 years of experience in project management and leadership across various IT disciplines. He has a strong background in auditing, systems development, quality assurance and risk management. His business and technical knowledge consists of proficiencies in a number of business software applications, process and system controls, methodologies and tools. Steve's current and past clients include Fortune companies and leading companies in the technology, retail, insurance and healthcare industries. Steve was the San Francisco ISACA chapter president in 2010-2011.

Doug Mohrland, CISA, CRISC, CISSP and CTGA, is an IT Audit Manager in Oracle's Business Assessment and Audit group with over 12 years of IT related experience. During the past eight years Doug has focused on IT and business processes reviews, including six years at KPMG conducting SAS 70 and Trust Services examinations. Doug's technical skills include the following: systems design, development and implementation, database design, ad hoc database reporting, and data conversion.