ERP Audit Training Course

Course Description

Auditors are facing the vast challenge of working and keeping up-to-date with such sophisticated ERP technologies. In ERP systems, operational and financial data are tied together through a complex information flow. Transactions can be automatically entered without review or pre-checking with the ERP system. ERP Auditing specializes in helping companies better understand fully the risks associated with their ERP system and the controls that are needed to respond to those risks. Auditors have found that they must expand their technological knowledge and skills, devise more effective audit approaches by taking advantage of technology, and design different types of audit tests to respond to new business processes. Highly skilled technology specialists will become even more essential members of audit engagement teams. To become an ERP auditor, you need to learn ERP (such as SAP and Oracle) and CAATs (such as ACL, IDEA etc).

Course Objective

1. Understand Enterprise Resource Planning (ERP)
2. Utilizing CAATs tool to extract data from ERP
3. Conducting audit assignments such as Phantom User Account, Duplicate Payment, Split Transaction, Purchase to Pay Cycle, Order to Cash Cycle and SOD in the ERP.
4. Automate audit and maintain continuous auditing in ERP
5. Plan Computer Auditing Project for ERP

Course Outline

1- Introduction to ERP Systems

What are ERP systems?

Benefits and challenges of ERP systems

Key components of ERP systems

ERP system architectures

2- ERP Risk Assessment and Controls

Common risks associated with ERP systems

Assessing the effectiveness of ERP controls

Testing ERP controls

Key control areas in an ERP environment

3- ERP Audit Process

Planning an ERP audit

Conducting fieldwork in an ERP environment

Communicating audit findings

Developing recommendations and corrective actions

4- Audit Techniques and Best Practices in ERP Environment

Data analysis techniques in ERP systems

Audit techniques for ERP applications

Fraud detection in ERP systems

Best practices for ERP audit

5- Advanced Topics in ERP Audit

Continuous auditing and monitoring in an ERP environment

Auditing ERP system security

Auditing ERP system implementation

Auditing ERP system interfaces

Case Study: Computer Auditing for Purchase to Pay Cycle in the ERP

Case Study: Computer Auditing for Order to Cash Cycle in the ERP

Case Study: Computer Auditing for SOD in the ERP

Hands-on Experiment and Course Project

Course Outcome

- To be qualified for the Certified ERP Audit Professional (CEAP) Exam
- You will possess ERP (Enterprise Resource Planning) audit and Internal Control (such as COSO, SOX etc.) knowledge and skills.
- To satisfy and substantiate the extensive skills and knowledge in ERP Audit requirements established by International Computer Auditing Education Association (ICAEA).
- To automate audit and maintain continuous auditing in ERP
- To plan Computer Auditing Project for ERP

No. of days; No. of hours per day
24 hours (3 day X 8 hours per day)

Course Prerequisites
ICCP

Target Audience
Internal Auditors

Course Level
Advanced

Certifying Body

The International Computer Auditing Education Association (ICAEA) - Canada

Course Language
English