**ISO 27001 Information Security Management System (ISMS)**

**Course Description:**

Information is a major for any organization, to be public or private. Threats to information and information handling resources are getting more sophisticated continuously. There are number of frameworks to deal with these issues systematically and effectively. One of such framework is the ISO/IEC 27001. Information Security Management System (ISMS), which provides a framework for organizations to protect themselves against internal and external threats as well as natural disasters. The ISMS provides guidelines on how to manage information processing, storage and transmission with appropriate controls in order to avoid any security breaches. This course is designed to provide necessary information and practice for such activities.

Guidelines:

* Please try to keep the content of this section around 500 characters (+/-100)
* Explain the overall content of the course, provide a brief introduction.

**Course Objectives:**

* Explain the purpose and intent of the international standard, ISO 27001
* Describe the requirements of ISO27001:2013
* Explain the relationship between the clauses of ISO 27001:2013
* Understand the purpose and requirements of ISO 27001:2013 as tool for the continual improvement of the ISMS

Guidelines:

* Course objectives should be between 5-10 points and shouldn't start with "To".
* Try not to spill to the other line.
* Course objectives around 500 charachers, 1 paragraph.

**Who Should Attend?**

* IT and security professionals
* Quality (assurance) department personal
* Banking, insurance, legal and other professionals
* Executive managers
* Business continuity management practitioners
* Those involved in the design, implementation and management of an ISMS

Guidelines:

* Who should attend should be according to hierarchy of positions (increasing in rank eg. Administrator, Manager, Executive)
* Should not exceed 6 positions, minimum 3)

**Content Day-By-Day**

**Day 1**

* Basic concepts in information security (IS)
* Is threats and vulnerabilities
* Introduction to the ISO 27000 family standards
* ISO 27001certification process

Guidelines:

* Explain the overall topics to be covered for the day.
* The points should not be in question format.
* There should be at least 5 points
* Do not have sub-topics (no extra indentation, all bullets should be aligned)

**Day 2**

* Introduction to management system and process approach
* PDCA cycle application to ISMS environment
* Introduction to ISO 27000 ISMS principles
* Understanding and interpreting ISO 27001 requirements
* ISMS documentation requirements

**Day 3**

* Introduction to ISO 27001:2005 ISMS – Annex A – Control objectives and controls
* Understanding the 11-domains and 133-control measures of ISO27001
* Dissecting ISO/IEC 27001 security controls

**Day 4**

* Identification and classification of information assets
* Determination of value of information assets
* Identification, assessment and treatment of risks
* Determination of policies and the degree of assurance required from controls
* Select appropriate ISO/IEC 27001 control objectives
* How to prepare a “Statement of Applicability” (SoA)
* Development of procedures
* Development of ISMS implementation plan
* Development of flow-diagrams and process maps

**Day 5**

* Define metrics to monitor the design, implementation and improvement of the ISMS
* Understand the training requirements for various phases of the ISMS implementation
* Acquiring basic knowledge of the best practices for implementing IS control measures
* Understand the relation between the ISMS, including the management of risks and control, and the various stakeholders
* Implementation tips

There is section in the instructor module to add course outline directly to the system for the attention of our team. In that case NO need to use this template