Course Learning Outcomes

By the end of this course, a student should be able to:

— Analyze common cyber security policies
— Compose common cyber security policies
— Develop common cyber security policies life cycle management
— Develop security white papers
— Develop security guidelines
— Select security standards
— Identify the purpose of security frameworks
— Analyze the components of security frameworks
— Contrast current security frameworks

Course Outline

1. Policies
   1.1 Common cyber security policies
   1.2 Purpose and fundamentals of common cyber security policies
   1.3 Creation Process for common cyber security policies
   1.4 Maintaining common cyber security policies
   1.5 Enforcement of common cyber security policies
2. Procedures
   2.1 Purpose and structure of Procedures
   2.2 Whitepapers
   2.3 Guidelines
   2.4 Standards
3. Frameworks
   3.1 Purpose and fundamentals of frameworks
   3.2 Components of frameworks
   3.3 Current Frameworks
      3.3.1 COBIT
      3.3.2 ISO 27001
      3.3.3 Federal Cybersecurity Framework
      3.3.4 Payment Card Industry - Data Security Standards