

# CIS 462 – Security Strategy and Policy

## Course Description

The course presents a discussion on security policies created to protect and maintain a computing network, such as password policy, e-mail policy and Internet policy. Students are presented with a comprehensive view of information security policies, frameworks and issues related to organizational behavior and crisis management. Topics also include governance, regulation, mandates, business drivers and legal considerations when implementing security policies and frameworks.

## Instructional Materials

Johnson , R., Merkow, M. (2011). *Security Policies and Implementation Issues*. Sudbury, MA: Jones & Bartlett.

## Course Learning Outcomes

1. Identify the role of an information systems security (ISS) policy framework in overcoming business challenges.
2. Analyze how security policies help mitigate risks and support business processes in various domains in the information technology (IT) infrastructure.
3. Summarize the ethical components and basic requirements for creating a security policy framework.
4. Compare and contrast the different methods, roles, responsibilities, and accountabilities of personnel, along with the governance and compliance of security policy framework.
5. Describe the different ISS policies associated with the user domain.
6. Analyze the different ISS policies associated with the IT infrastructure.
7. Describe the different ISS policies associated with risk management.
8. Compare and contrast the different ISS policies associated with incident response teams (IRT).
9. Describe different issues related to implementing and enforcing ISS policies.
10. Describe the different issues related to defining, tracking, monitoring, reporting, automating, and configuration of compliance systems and emerging technologies.
11. Design a security policy framework.
12. Use technology and information resources to research issues in security strategy and policy formation.
13. Write clearly and concisely about Information Systems Security Policy topics using proper writing mechanics and technical style conventions.