Information Security Policy

Credit Hours: 4

CSC 570 Online / On Campus

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Course Description

The course includes a discussion on security policies that can be used to help protect and maintain a network, such as password policy, e-mail policy and Internet policy. The issues include organizational behavior and crisis management. The course will also include a discussion of regulatory compliance, legal and ethical concerns as it relates to Information Security Policies.

Major Instructional Areas

1. Security policy requirements
2. Security policy framework
3. Creation of security policies
4. Regulatory Compliance, Legal and Ethical Concerns
5. Implementation issues
6. Security policy controls

Course Objectives

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. Describe the components and basic requirements for creating a security policy framework.
4. Describe 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. Describe the different ISS policies associated with the IT infrastructure.
7. Describe the different ISS policies associated with risk management.
8. Describe 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.

Course Materials

Suggested Textbook (large percentage of material from this text)

Security Policies and Implementation Issues by Rob Johnson 2011

ISBN 978-0-7637-9132-2

Reference Materials

PowerPoints and other materials as assigned.

Grading

ITEM	WEIGHT
Student Discussion Forum	15%
Quizzes	30%
Mid Term Exam or Project	30%
Final Exam or Project	30%

Delivery Method

Online via Blackboard. May be one (on Campus or Proctored) Exam

Course Calendar or Oultine (subject to change)

Week	Topic	Assignment
1-2	Information Security Policy Management	*Security Policies and Implementation Issues:* • Chapter 1 • Chapter 2 •
3	Risk Mitigation and Business Support Processes	*Security Policies and Implementation Issues:* ▪ Chapter 4 ▪ Chapter 5
4-5	Compliance, Laws and Regulations	Supplemental Materials ▪ Online Content *Security Policies and Implementation Issues:* ▪ Chapter 3
6	Information Systems Security Policy Framework	*Security Policies and Implementation Issues:* ▪ Chapter 6 ▪ Chapter 7 *Security Policies and Implementation Issues:* • Chapter 8
7	User Policies	*Security Policies and Implementation Issues:* ▪ Chapter 9

Week	Topic	Assignment
8	IT Infrastructure Security Policies	*Security Policies and Implementation Issues:* • Chapter 10
9	Risk Management	*Security Policies and Implementation Issues:* • Chapter 11
10	Incident Response Team Policies	*Security Policies and Implementation Issues:* • Chapter 12
11-12	Implementing and Maintaining an IT Security Policy Framework	*Security Policies and Implementation Issues:* • Chapter 13
13	Automated Policy Compliance Systems	*Security Policies and Implementation Issues:* • Chapter 15