CYBER SECURITY LAWS, POLICIES AND REGULATIONS

UNIT CODE: SEC/CU/CS/CR/02/6/A

Relationship to Occupational Standards
This unit addresses the unit of competency: Apply cyber security laws, policies and regulations

Duration of Unit: 190 hours

Unit Description
This unit covers the competencies required in applying Cyber security laws, policies and regulations. It involves demonstrating the understanding of different cyber security policies and regulations, developing cyber security policy, implementing Cyber security policies and regulations, evaluating Cyber security policies, evaluating compliance in Cyber security policies and regulations and monitoring effectiveness of Cyber security policy in an organization.

Summary of Learning Outcomes

1. Demonstrate understanding of cyber security laws, policies and regulations
2. Develop Cyber Security policy
3. Implement Cyber Security policy and regulations
4. Evaluate Cyber security policy
5. Evaluate compliance in Cyber security policy and regulations
6. Monitor effectiveness of Cyber security policy in an organization

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Demonstrate understanding of cyber security laws	- Meaning of terms - World legal system e.g - Common law - Religious law - Hindu law - Islamic law - Types of Cyber security laws - National - International - Cyber crimes - Types of cyber crimes - Challenges in prosecuting cyber crime	- Observation - Oral questioning - Written tests - Practical tests

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Learning Outcome	Content	Suggested Assessment Methods

	• Cyber-crime laws
	    • Local Cyber crime laws
	    • International Cyber crime laws
	• Application of cyber security laws
	• Compliance of cyber security laws
	• Impacts of cyber crime
	    • Positive and Negative	

2. Demonstrate understanding of different Cyber security policies and regulations	• Meaning of terms • Fundamentals of cyber security • Types of cyber security policies and regulation • Application of different cyber security policies • Stakeholders involved in cyber security policies and regulations • Regulatory board in cyber security policies	• Observation • Oral questioning • Written tests • Practical tests
3. Develop Cyber Security policy	• Meaning of terms • Components of cyber security and information classification • Cyber security policy alignments to the vision and mission • Procedures of drafting cyber security policy • Cyber security review process	• Observation • Oral questioning • Written tests • Practical tests
4. Implement Cyber Security policy and regulations	• Meaning of terms • Cyber security policy implementation process • Cyber security policy implementation team • Importance of schedule in the implementation process of cyber security policy • Verification of cyber security implementation • Relevant regulations in implementation of cyber security policy	• Observation • Oral questioning • Written tests • Practical tests

Learning Outcome	Content	Suggested Assessment Methods
5. Evaluate Cyber security policy	• Meaning of terms • Review and updates of cyber security policy • Process of evaluation of cyber security policy • Factors to consider in evaluation of cyber security policy	• Observation • Oral questioning • Written tests • Practical tests
6. Evaluate compliance in Cyber security policy and regulations	• Meaning of terms • Infrastructure and landscape audit • Calculation of risk factors • Calculation of non – compliance factors • Compliance level recommendation	• Observation • Oral questioning • Written tests • Practical tests

7. Monitor effectiveness of Cyber security policy in an organization	• Meaning of terms
	• Compliance level
	• Cyber security policy monitoring impact on:
	   • Process
	   • People
	   • Technology
	• Monitoring effectiveness of cyber security policy
		• Observation
		• Oral questioning
		• Written tests
		• Practical tests

Suggested Methods of Instructions
- Discussions
- Site visits
- On-job-training
- Charts and Audio-visual presentations
- Templates

Recommended Resources

Equipment	Reference materials
• Computers • Printers • Cameras • Phones	• Internet • NIST Cyber security framework • Constitution • Cyber crime 2018
Materials and supplies	**Tools**

• Stationery	Framework