

# CCIS – Certified Cyber Insurance Specialist Course

## Syllabus



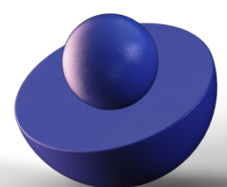
# Chapters 1-2

## 1. Chapter 1 – Welcome to Cyber Insurance Academy

- 1.1. Welcome to Cyber Insurance Academy
- 1.2. Overview Chapter 1
- 1.3. The Cyber Risk
- 1.4. Cybersecurity and Information Security
- 1.5. Cyber Attack Targets
- 1.6. Cyberwar
- 1.7. Assignment – Attack Targets
- 1.8. Correlation Lesson Chapter 1
- 1.9. Vocabulary Bank Chapter 1

## 2. Chapter 2 – IT and Cyber Security

- 2.1. Overview Chapter 2
- 2.2. IT - Information Technology
- 2.3. CIA Triad – The Principles of Information Security
- 2.4. Risk Management
- 2.5. Meet The CISO
- 2.6. Changing Role of the CISO
- 2.7. Correlation Lesson Chapter 2
- 2.8. Vocabulary Bank Chapter 2
- 2.9. Knowledge Check Chapters 1-2



# Chapters 3-4

## 3. Chapter 3 – Cyber Threats

- 3.1. Overview Chapter 3
- 3.2. Internal and External Threats
- 3.3. Attack Surface
- 3.4. Attack Vectors
- 3.5. Data Breach
- 3.6. Malware
- 3.7. Ransomware
- 3.8. Assignment – Industry Risks and Threats
- 3.9. Analysis Correlation Lesson Chapter 3
- 3.10. Vocabulary Bank Chapter 3
- 3.11. Knowledge Check Chapter 3

## 4. Chapter 4 – Computer Networks

- 4.1. Overview Chapter 4
- 4.2. What is the Internet
- 4.3. The Internet Protocol
- 4.4. Packet Transmission & Network Devices
- 4.5. Network Fundamentals
- 4.6. Communication Protocols
- 4.7. The OSI Model
- 4.8. The Cloud
- 4.9. Assignment Chapter 4 – Data Communication
- 4.10. Correlation Lesson Chapter 4
- 4.11. Vocabulary Bank Chapter 4
- 4.12. Knowledge Check Chapter 4

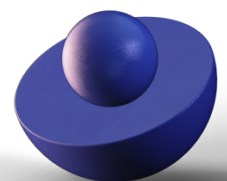
# Chapters 5-6

## 5. Chapter 5 – Cyber Defense

- 5.1. Chapter 5 Overview
- 5.2. Internet of Vulnerabilities
- 5.3. Defense in Depth
- 5.4. Endpoint Security
- 5.5. Network Security
- 5.6. IT Management
- 5.7. Important Cyber Defense Terms
- 5.8. Correlation Lesson Chapter 5
- 5.9. Vocabulary Bank Chapter 5
- 5.10. Knowledge Check Chapter 5

## 6. Chapter 6 – Regulations, Standards, and Guidelines

- 6.1. Chapter 6 Overview
- 6.2. Nothing to Hide
- 6.3. The Wild Wide Web
- 6.4. Regulations
- 6.5. Standards and Guidelines
- 6.6. Information Security Governance
- 6.7. Risk Assessment
- 6.8. Assignment Chapter 6 – Regulations
- 6.9. Correlation Lesson Chapter 6
- 6.10. Vocabulary Bank Chapter 6
- 6.11. Knowledge Check Chapter 6



# Chapters 7-8

## 7. Chapter 7 – Cyber Insurance Fundamentals

- 7.1. Chapter 7 Overview
- 7.2. Cyber Insurance Industry Overview
- 7.3. The Uniqueness of the Cyber Insurance
- 7.4. No More Silent Cyber
- 7.5. Cyber Capacity
- 7.6. Vocabulary Bank Chapter 7
- 7.7. Knowledge Check Chapter 7

## 8. Chapter 8 – The Cyber Policy

- 8.1. Chapter 8 Overview
- 8.2. Cyber Coverages
- 8.3. Main Endorsements & Exclusions
- 8.4. Sectoral Policies
- 8.5. Personal Cyber Insurance
- 8.6. Assignment Chapter 8 – Cyber Incident
- 8.7. Analysis Vocabulary Bank Chapter 8
- 8.8. Knowledge Check Chapter 8

# Chapters 9-10

## 9. Chapter 9 – The Process

- 9.1. Chapter 9 Overview
- 9.2. The Proposal Form
- 9.3. Cyber Underwriting
- 9.4. Analytical Technologies
- 9.5. Claims and Incident Response
- 9.6. Loss Scenarios
- 9.7. Vocabulary Bank Chapter 9
- 9.8. Knowledge Check Chapter 9

## 10. Chapter 10 –Cyber Essentials

- 10.1. Chapter 10 Overview
- 10.2. Cyber Insurance Case Studies
- 10.3. State of the Market 2021
- 10.4. Useful Tools
- 10.5. Being a Cyber Professional
- 10.6. Glossary

## Certification Quiz

