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**Learning Style: Virtual Classroom**

**Technology:**

**Difficulty: Intermediate**

**Course Duration: 5 Days**

## **Certified Information Systems Security Officer (CISSO)**

### **About the course:**

The focal point for all security problems relating to this system is CDRSN National Information System Security Officer (ISSO). The DND authority for security evaluation of the CDRSN is the DIMSECUR - Director Information Management Security, including the endorsement of the Authority to Communicate and Interim Authority to Process (IAP). The CISCO highlights the expansive scope of industry best practices, information, and abilities expected of a security director/official. The student will learn top to bottom theory relating to the reasonable execution of core security ideas, monitoring, practices, and compliance in the IS management full panorama. Using a hazard-based methodology, the CISSO can execute and keep up financially savvy security controls that are firmly lined up with both the standard of the industry and business. Regardless of whether you're liable for the administration of a Security Officer, a Cyber Security group, a Business Analyst or

an IT auditor, the CISSO credential course is a perfect path to build your insight, aptitude, and ability. Upon fruition, Certified Information Systems Security Officer learners won't just have the option to set up industry satisfactory IS management and Cyber Security benchmarks with currently great procedures but, in addition, be set up to competently take the exam of CISCO.

The online exam of Certified Information Systems Security Officer is given via MACS - Mile2's Assessment and Certification System.

### **Salary Estimate:**

The normal pay for Certified Information Systems Security Officer is \$82,942 annually.

### **Course Objective:**

In the wake of finishing this course, understudies will have the option to:

1. Have the information to detect security risk and threats
2. Have the understanding to precisely provide details regarding their findings from assessments
3. Have the information to plan a solution for security to mitigate hazard and risk
4. Be prepared to sit for the Exam of CISSO

### **Targeted Audience:**

This course is designed for:

1. Security Consultant/Analyst
2. IT Management
3. Security Architect
4. Chief Information Security Officer

5. Director of Security
6. Security Auditor

## **Prerequisites:**

1 year in IS management or a year of experience in at least 2 modules

## **Proposed prerequisites courses:**

CISSP - Certified Information Systems Security Professional

## **Course Outline:**

- **Module 1** - Risk Management
- **Module 2** – Security Management
- **Module 3** - Identification and Authentication
- **Module 4** - Access Control
- **Module 5** - Security Models and Evaluation Criteria
- **Module 6** - Operations Security
- **Module 7** - Vulnerability Assessments
- **Module 8** - Symmetric Cryptography and Hashing
- **Module 9** - Network Connections
- **Module 10** - Network Protocols and Devices
- **Module 11** - Telephony, VPNs, and Wireless
- **Module 12** - Security Architecture and Attacks
- **Module 13** - Software Development Security
- **Module 14** - Database Security and System Development
- **Module 15** - Malware and Software Attacks
- **Module 16** - Disaster Recovery
- **Module 18** - Incident Management, Law, and Ethics
- **Module 19** - Physical Security

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