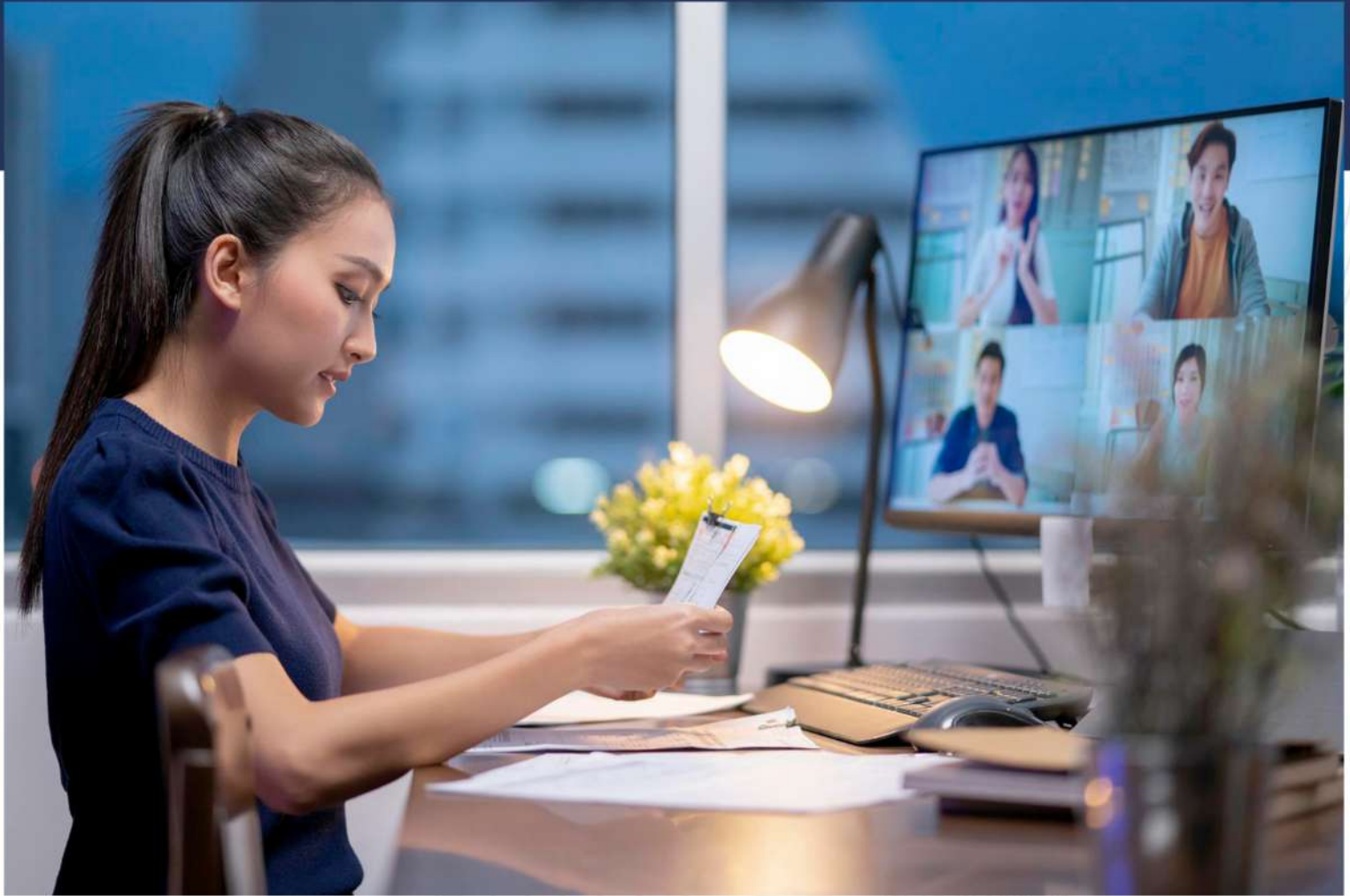




# **Certified in Risk and Information Systems Control**



# **Online Course**

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## Course Modules

### Governance

#### **1. Organizational Governance**

- Organizational Strategy, Goals, and Objectives
- Organizational Structure, Roles and Responsibilities
- Organizational Culture
- Policies and Standards
- Business Processes
- Organizational Assets

#### **2. Risk Governance**

- Enterprise Risk Management and Risk Management Framework
- Three Lines of Defense
- Risk Profile
- Risk Appetite and Risk Tolerance
- Legal, Regulatory and Contractual Requirements
- Professional Ethics of Risk Management



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## IT Risk Assessment

### **3.IT Risk Identification**

- Risk Events (e.g., contributing conditions, loss result)
- Threat Modelling and Threat Landscape
- Vulnerability & Ctrl Deficiency Analysis (e.g., root cause analysis)
- Risk Scenario Development

### **4.IT Risk Analysis and Evaluation**

- Risk Assessment Concepts, Standards and Frameworks
- Risk Register
- Risk Analysis Methodologies
- Business Impact Analysis
- Inherent and Residual Risk



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## Risk Response and Reporting

### **5. Risk Response**

- Risk Treatment / Risk Response Options
- Risk and Control Ownership
- Third-Party Risk Management
- Issue, Finding and Exception Management
- Management of Emerging Risk

### **6. Control Design and Implementation**

- Control Types, Standards and Frameworks
- Control Design, Selection and Analysis
- Control Implementation
- Control Testing and Effectiveness Evaluation

### **7. Risk Monitoring and Reporting**

- Risk Treatment Plans
- Data Collection, Aggregation, Analysis and Validation
- Risk and Control Monitoring Techniques
- Risk and Control Reporting Techniques (heatmap, scorecards,..)
- Key Performance Indicators
- Key Risk Indicators (KRIs)
- Key Control Indicators (KCIs)



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## Information Technology and Security

### **8.Information Technology Principles**

- Enterprise Architecture
- IT Operations Management (e.g., change management, IT..)
- Project Management
- Disaster Recovery Management (DRM)
- Data Lifecycle Management
- System Development Life Cycle (SDLC)
- Emerging Technologies

### **9.Information Security Principles**

- Information Security Concepts, Frameworks and Standards
- Information Security Awareness Training
- Business Continuity Management
- Data Privacy and Data Protection Principles

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