# Certified in Risk and Information Systems Control (CRISC)

Course code: QACRISC

CRISC is the only certification that prepares and enables IT professionals for the unique challenges of IT and enterprise risk management, and positions them to become strategic partners to the enterpriseQA is proud to be an official ISACA partner. The official Certified Risk Information Systems Control (CRISC) certification is a powerful manifestation of proficiency and expertise regarding various areas of risk. As well as this, CRISC demonstrates a commitment to IT security operations and enterprises, and a willingness to deliver quality within their profession. CRISC has been established as one of the most desirable and preferable IT security certifications worldwide.The CRISC designation is designed for IT risk, control and compliance practitioners, business analysts, project managers and other resected professionals. The highly respected certification demonstrates to employers that the holder is able to identify and evaluate IT risk, and help their enterprise accomplish its business objectives. CRISC has received over 15 global recognitions.Delegates will receive an official ISACA CRISC exam voucher to take the exam post course.

## What we teach you

Types of risk may vary, but with its key role as an agent of innovation, technology has become the most critical risk factor for today's enterprises. Since, conducting a risk assessment is not something a typical information technology education includes, many IT professionals are lacking in knowledge that businesses increasingly deem imperative to determining their future success.

Since its introduction in 2010, more than 24,000 professionals have obtained ISACA®'s Certified in Risk and Information Systems Control™ (CRISC™) certification. The designation demonstrates to employers that the holder is able to identify, evaluate and manage information systems and technology risk, and help enterprises achieve their business objectives.

1. Identifying IT Risk
   - Proficiency in this realm validates the expertise required to identify the universeof IT risk in order to contribute to the execution of the IT risk management strategy, in support of business objectives and in alignment with the enterprise risk management (ERM) strategy.
   - Domain 1 confirms one's ability to recognize and gauge threats and vulnerabilities to the organization's people, processes and technology.
2. Assessing IT Risk
   - Exam success demonstrates the advanced ability to analyze and evaluate IT risk to determine the likelihood and impact on business objectives, in order to enable risk-based decision making.
   - Domain 2 attests to advanced skill in identifying the current state of existing controls and evaluating their effectiveness for IT risk mitigation.
3. Risk Response and Mitigation
   - This key job practice area verifies expertise in determining risk response options while evaluating their efficiency and effectiveness to manage risk in alignment with business objectives.
   - Domain 3 tests your ability to select and implement informed risk decisions that are well-aligned and enunciated throughout the organization.
4. Risk and Control Monitoring and Reporting
   - The final job practice area assesses your capacity to continuously monitor and report on
   - IT risk and controls to relevant stakeholders, so as to ensure the effectiveness of the IT risk management strategy and its alignment with business objectives.
   - Domain 4 assesses your ability to define and establish key risk indicators (KRIs) and thresholds based on available data, to enable monitoring of changes in risk.

## Required skills

Professional experience within risk management/control for a minimum of 3 years is required for CRISC certification.

You should have taken the QACRISC training and be familiar with the CRISC job practice domains before taking the exam.

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## Course outline

The CRISC exam will focus on the four domains of Certified Risk Information Systems Control. The CRISC domains encompasses:

### Domain 1: Risk Identification

- Risk Identification Objectives
- Risk Identification Overview
- Concepts of IT Risk
- Risk Management Standards
- Risk Identification Frameworks
- Assets
- Threats
- Vulnerabilities
- Elements of Risk
- Penetration Testing
- COBIT 5
- ISO
- Risk Scenarios
- Communicating Risk
- Risk Awareness
- Organisational Structures and Culture
- Risk within the Enterprise
- Compliance
- Principles of Risk
- Conclusion

### Domain 2: Risk Assessment

- Risk Assessment Objectives
- Risk Assessment Overview
- Risk Assessment Techniques
- Risk Assessment Analysis
- Methodologies
- Control Assessment
- Risk Evaluation and Impact Assessment
- Risk and Control Analysis
- Third Party Management
- System Development Lifecycle
- Developing Technologies
- Enterprise Architecture
- Conclusion

### Domain 3: Risk Response and Mitigation

- Risk Response and Mitigation Objectives
- Risk Response and Mitigation Overview
- Risk Response Options
- Response Analysis
- Risk Response Plans
- Control Objectives and Practices
- Control Ownership
- Systems Control Design Implementation

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- Control and Countermeasures
- Business Continuity
- Disaster Recovery
- Risk Accountability
- Inherent and Residual Risk

Domain 4: Risk and Control Monitoring and Reporting

- Risk and Control Monitoring and Reporting Objectives
- Risk and Control Monitoring and Reporting Overview
- Key Risk Indicators (KRIs)
- Data Collection
- Monitoring Controls
- Control Assessments
- Penetration Testing
- Vulnerability Assessments
- Third Party Assurance
- Maturity Model Assessment
- Techniques for Improvement
- Capability Maturity Model
- IT Risk Profile

Delegates will receive an official ISACA CRISC exam voucher to take the exam post course. The exam tests delegate's knowledge of the four CRISC domains: Risk Identification, Risk Assessment, Risk Response and Mitigation, and Risk and Control Monitoring and Reporting. It is marked using a 200-800 point scale, with 450 being the passing mark. The Certified Risk and Information Systems Control examination is a CBT (Computer-Based Testing) exam, which has 3 testing windows per year.

Special Notices

To help with your studies, you will receive the following when you attend this course with QA:

- ISACA CRISC Review 7th Edition Manual (eBook)
- ISACA CRISC Exam Prep Tool
- ISACA CRISC Exam Voucher

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