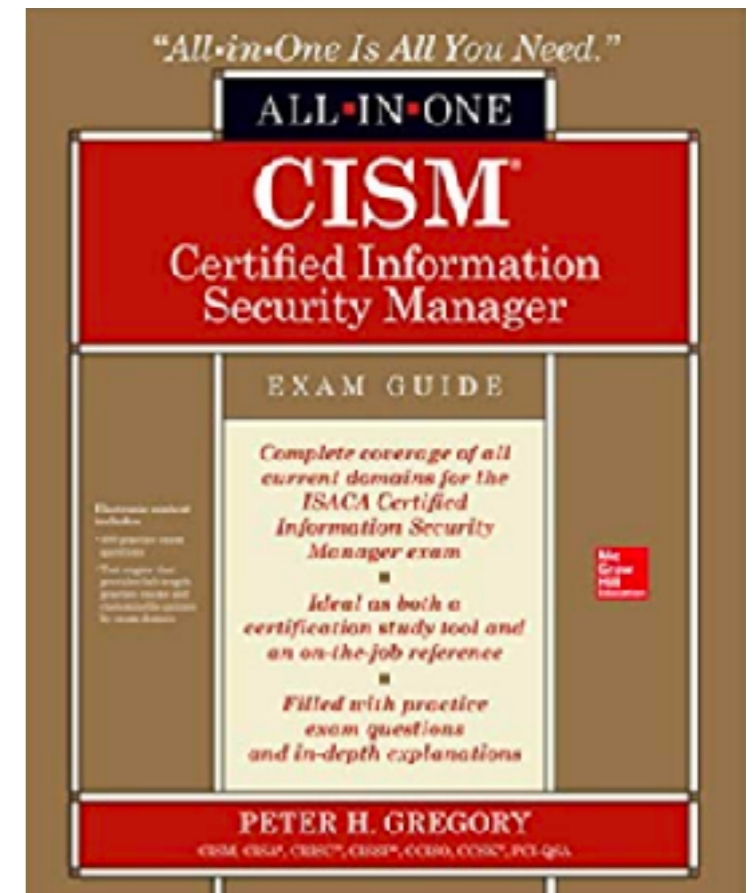


# CNIT 160: Cybersecurity Responsibilities

## 1. Becoming a CISM



# Topics

- **CISM-certified professional**
- **ISACA**
- **Certification**
- **How to apply for the exam**
- **How to maintain your certification**
- **How to get the most from your CISM journey**

# **Benefits of CISM Certification**

- **Knowledge, skills, and confidence**
- **Marketability and career options**
- **Employment requirements**
- **Customer confidence and international credibility**

# Positions

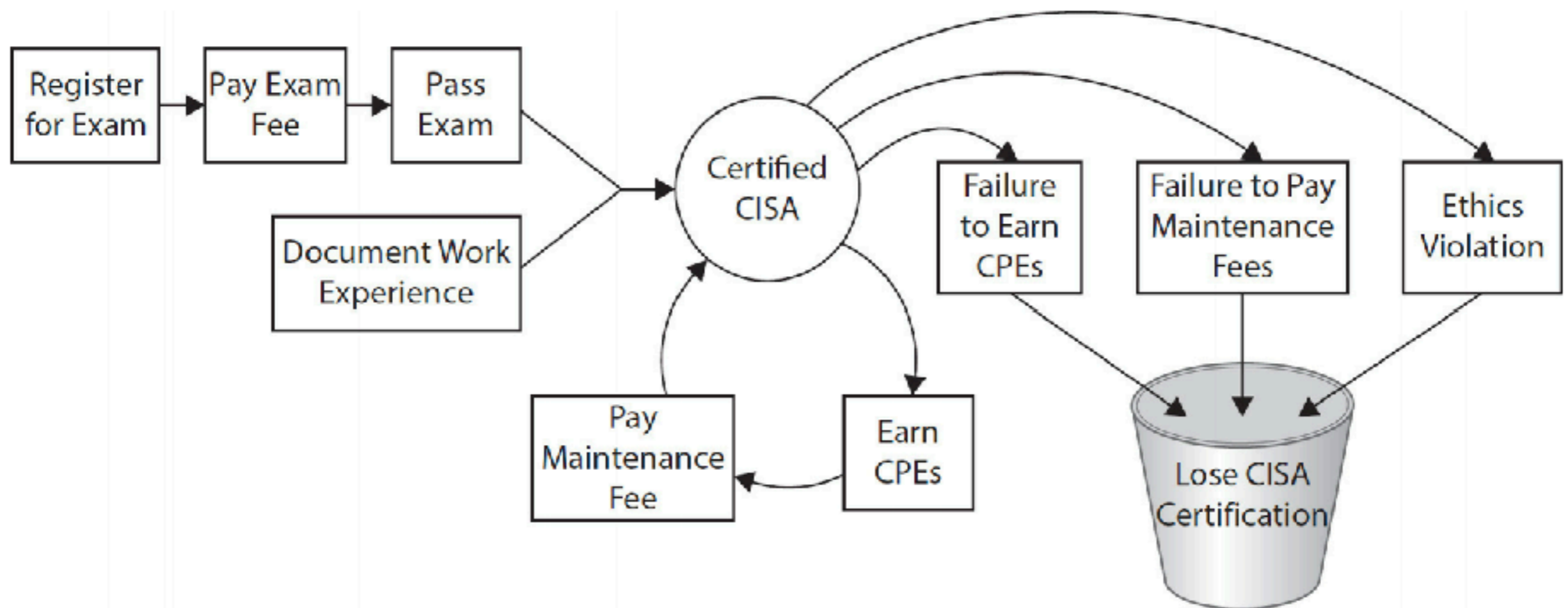
- **CISM helps security managers, and:**
  - Executives such as chief executive officers (CEOs), chief financial officers (CFOs), and chief information officers (CIOs)
  - IT management executives such as chief information officers (CIOs), chief technology officers (CTOs), directors, managers, and staff
  - Chief audit executives, audit partners, and audit directors
  - Chief privacy officers (CPOs), data protection officers (DPOs), and other privacy professionals
  - Compliance executives and management
  - Security and audit consultants

# **Becoming a CISM Professional**

# Requirements

- **Experience**
  - **Five years, three in CISM job practice areas**
- **Ethics**
- **Exam**
- **Education**
  - **120 hours of continuing education (CPEs) over three years**
- **Application**

# CISM Life Cycle



# Direct Work Experience

- **At least three years of work experience in three or more of the CISM job practice areas**
  - **Information security governance**
  - **Information risk management**
  - **Security program development and management**
  - **Information security incident management**



# Substitution of Experience

- **Two Years**
  - **CISA, CISSP, or post-graduate degree in information security or a related field**
- **One Year**
  - **Systems or security management experience**
  - **Security+, GIAC, MCSE, ...**
  - **Completion of an information security management program at a compliant institution**

# University Instructors

- **Each two years teaching information security management can be substituted for one year of required direct work experience**

# Ethics

- **Encourage compliance with standards**
- **Perform duties with objectivity, due diligence, and professional care**
- **Serve in a lawful manner, with high standards of diligence and character**
- **Maintain privacy and confidentiality of information**

# Ethics

- **Maintain competency and only agree to perform activities they can reasonably expect to complete**
- **Inform parties of results including all significant facts**
- **Support professional education of stakeholders**

# The Certification Exam

In 2018 the schedule of exam fees in U.S. dollars is

- **CISM application fee: \$50**
- **Regular registration: \$575 member/\$760 nonmember**

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<b>Domain</b>	<b>CISM Job Practice Area</b>	<b>Percentage of Exam</b>
1	Information security governance	24%
2	Information risk management	30%
3	Information security program development and management	27%
4	Information security incident management	19%

# Applying for CISM Certification

- **CISM application, with exam ID number to prove you passed and a list of experience**
- **Verification of Work Experience forms**
- **Transcript or letter for college or university experience waivers**

# Retaining Your CISM Certification

- **Continuing education**
  - **ISACA professional education activities and meetings.**
  - **If you are an ISACA member, you can take Information Systems Control Journal CPE Quizzes online or participate in monthly webcasts. For each webcast, CPEs are rewarded after you pass a quiz.**
  - **Non-ISACA professional education activities and meetings.**
  - **Self-study courses.**
  - **Vendor sales or marketing presentations (ten-hour annual limit).**

# Retaining Your CISM Certification

- **Continuing education**

- Teaching, lecturing, or presenting on subjects related to job practice areas.
  - Publication of articles and books related to the profession.
  - CISM exam question development and review.
  - Passing related professional examinations.
  - Participation in ISACA boards or committees (20-hour annual limit per ISACA certification).
  - Contributions to the information security management profession (ten-hour annual limit).
  - Mentoring (ten-hour annual limit).
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# CPE Maintenance Fees

- **\$45 for members and \$85 for non-members per year**

# Revocation of Certification

- **Failure to complete the minimum number of CPEs during the period.**
  - **Failure to document and provide evidence of CPEs in an audit.**
  - **Failure to submit payment for maintenance fees.**
  - **Failure to comply with the Code of Professional Ethics can result in investigation and ultimately can lead to revocation of certification.**
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**Kahoot!**