

	Key Areas	Career Stage	Average Salary Data*	Typical Job Titles for Certification Holders	Experience Required?	Exam Required?	Recommended Pre-requisites	Hands-on Labs Included?	Recommended for Career Path Advancement	CPE Credit Hours
<b>Information Technology Certified Associate</b>	Comprised of stackable certificates in: <ul style="list-style-type: none"> <li>• Fundamentals of Computing</li> <li>• Networks and Infrastructure</li> <li>• Cybersecurity</li> <li>• Software Development</li> <li>• Data Science</li> </ul>	<ul style="list-style-type: none"> <li>• Early professional</li> <li>• Recent graduate</li> <li>• Student</li> <li>• Switching careers</li> <li>• Current IT professional seeking to reskill or upskill</li> </ul>	Recently launched. Stats available 2022.	<ul style="list-style-type: none"> <li>• Applications Developer</li> <li>• Systems Engineer</li> <li>• Database Administrator</li> <li>• Software Developer</li> <li>• Computer Operator</li> <li>• Technical Support Specialist</li> <li>• Pc Technician</li> <li>• Help Desk Analyst</li> </ul>	None	Yes—1 exam for each of 5 certificates that make up the certification	None	Yes—hybrid performance and knowledge-based exam	<ul style="list-style-type: none"> <li>• IT Risk Fundamentals certificate</li> <li>• Attain CPEs to stay up to date</li> </ul>	CPE (Continuing Professional Education) is a key part of maintaining your certification status.
<b>Certified Information Systems Auditor</b>	Audit, control, monitor and assess IT and business systems using a risk-based approach	<ul style="list-style-type: none"> <li>• Entry to mid-level IT pros</li> <li>• IT and internal auditors who audit for information security compliance</li> <li>• Any role that is engaged in risk and compliance</li> </ul>	North America: US\$128,086 Worldwide: US\$50k – US\$73k+	<ul style="list-style-type: none"> <li>• IT Auditor</li> <li>• Compliance Analyst/Program Manager</li> <li>• Risk Analyst/Program Manager</li> <li>• Data Protection Manager</li> <li>• Security Officer/ Security Manager</li> <li>• IT Consultant</li> </ul>	5-years of professional information systems auditing, control or security work.	Yes	Students or early career candidates: ITCA	No—knowledge-based exam	<ul style="list-style-type: none"> <li>• COBIT Foundation and Design and Implementation certificates</li> <li>• CSX-P for hands-on skills in cybersecurity audit</li> <li>• Certificate of Cloud Auditing Knowledge (CCAK)</li> </ul>	CPE credit hours are optional in Year 1 following initial certification.  To maintain a certification, years 2 and thereafter require you to earn and report: <ul style="list-style-type: none"> <li>• A minimum of 20 CPEs each year</li> <li>• A minimum of 120 CPEs over a 3-year period</li> <li>• Compliance with the ISACA Code of Professional Ethics</li> </ul>
<b>Certified in Risk and Information Systems Control</b>	Deployment and management of enterprise IT risk and controls	Mid-level IT professionals looking for career growth in IT risk	North America: US\$141,172 Worldwide: US\$113,995	<ul style="list-style-type: none"> <li>• Risk and Security Manager</li> <li>• IS or Business Analyst</li> <li>• IS Manager</li> <li>• Operations Manager</li> <li>• Information Control Manager</li> <li>• Chief Information Security or Compliance Officer</li> </ul>	1-3 years of experience in IT risk and/or security and audit	Yes	<ul style="list-style-type: none"> <li>• Early career candidates: IT Risk Fundamentals certificate</li> <li>• CISA certification a plus before starting</li> </ul>	No—knowledge-based exam	<ul style="list-style-type: none"> <li>• CSX-P for hands-on skills in cybersecurity</li> <li>• CISM and/or CGEIT to round out the knowledge and develop a more strategic mindset</li> </ul>	Full CPE policies are available at <a href="http://isaca.org">isaca.org</a>
<b>Certified Information Security Manager</b>	Information security governance, managing risk, programs, incidents	<ul style="list-style-type: none"> <li>• Technical experts looking to strategic management positions</li> <li>• Not for entry-level</li> </ul>	North America: US\$142,585 Worldwide: US\$107,708	<ul style="list-style-type: none"> <li>• IT Architect</li> <li>• Security Analyst</li> <li>• Data Security Manager</li> <li>• Security and Compliance Director</li> <li>• VP/AVP Information Security</li> <li>• CIO/CISO/CTO</li> </ul>	5+ years of experience in technical IT security, cybersecurity	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• CRISC</li> </ul>	No—knowledge-based exam	CGEIT to get to an overarching governance role	
<b>Certified Data Privacy Solutions Engineer</b>	Creating and implementing technical privacy-by-design solutions	Technical IT professionals with some experience implementing privacy controls	Recently launched. Stats available late 2021	<ul style="list-style-type: none"> <li>• Data Analyst</li> <li>• Privacy Engineer</li> <li>• Privacy Solutions Architect</li> <li>• Lead Privacy Manager</li> <li>• IT Consultant</li> </ul>	3-5 years of experience in 2+ domains: <ul style="list-style-type: none"> <li>• Privacy Governance</li> <li>• Privacy Architecture</li> <li>• Data Lifecycle</li> </ul>	Yes	<ul style="list-style-type: none"> <li>• ITCA</li> <li>• CISA</li> <li>• CRISC</li> </ul>	No—knowledge-based exam	Hands-on privacy labs, data science certificates	
<b>Certified in the Governance of Enterprise IT</b>	Framework-agnostic governance, risk/benefit optimization	Highly experienced strategic IT professionals who are in the role of advisors to upper management and the board	North America: US\$90k – US\$200k+ Worldwide: US\$113,738	<ul style="list-style-type: none"> <li>• CIO, CTO, CISO</li> <li>• Senior IT Internal Auditor, Cybersecurity and Compliance</li> <li>• Lead Analyst – IT Governance, Risk and Compliance</li> <li>• Security Risk and Compliance Specialist</li> <li>• Information Security Compliance Manager</li> <li>• Governance Risk Consultant</li> </ul>	5+ years of experience in CGEIT domains : <ul style="list-style-type: none"> <li>• IT Governance</li> <li>• IT Resources</li> <li>• Benefits Realization</li> <li>• Risk Optimization</li> </ul>	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• CRISC</li> <li>• CISM</li> </ul>	No—knowledge-based exam	Training and CPE resources offered by ISACA or other organizations to keep up knowledge and skills	
<b>CSX Cybersecurity Practitioner</b>	<ul style="list-style-type: none"> <li>• Identify</li> <li>• Protect</li> <li>• Detect</li> <li>• Respond</li> <li>• Recover</li> </ul>	Technical cybersecurity practitioners looking to build upon or validate their skillset	US\$128,726	<ul style="list-style-type: none"> <li>• Cybersecurity Analyst</li> <li>• DevOps</li> <li>• Cybersecurity Engineer</li> <li>• SOC Analyst</li> <li>• Cybersecurity Compliance Manager</li> <li>• Cybersecurity and IT Advisor</li> <li>• Cybersecurity Investigator</li> <li>• Network Engineer/Architect</li> <li>• Vulnerability Analyst/Pen Tester</li> </ul>	Foundational to intermediate IT and networking knowledge	Yes	<ul style="list-style-type: none"> <li>• Cybersecurity Fundamentals Certificate</li> <li>• CSX Cybersecurity Technical Foundations Certificate</li> </ul>	Yes—performance-based exam	<ul style="list-style-type: none"> <li>• CSX Cybersecurity Practitioner (CSX-P) Certification Course</li> <li>• Cybersecurity Fundamentals Certificate</li> <li>• CSX Cybersecurity Technical Foundations Certificate</li> </ul>	
<b>Certified in Emerging Technology</b> <small>An ISACA® Certification</small>	Comprised of stackable certificates in: <ul style="list-style-type: none"> <li>• Cloud</li> <li>• Blockchain</li> <li>• IoT</li> <li>• Artificial Intelligence</li> </ul>	IT Professionals looking to build knowledge or validate skillset around emerging technology.	Recently launched. Stats available 2022.	<ul style="list-style-type: none"> <li>• Emerging Technology Specialist</li> <li>• Cloud Architect or Engineer</li> <li>• Blockchain Analyst or Developer</li> <li>• IoT Architect or Engineer</li> <li>• Software Engineer</li> <li>• AI Integration Architect</li> <li>• AI Success Manager</li> </ul>	Foundational IT knowledge recommended	Yes—1 exam for each of 4 certificates that make up the certification	None	Yes—hybrid performance and knowledge-based exam	<ul style="list-style-type: none"> <li>• Additional Lab Packages</li> <li>• CSX Emerging Technology Specialist Pathway</li> <li>• Attain CPEs to stay up to date</li> </ul>	