Organization	QUALITY ASSURANCE INSTITUTE (QAI) http://www.softwarecertifications.org and http://www.edistacertification.com/							
Certification: acronym	**CAST**	**CSTE**	**CMST**	**CASQ**	**CSQA**	**CMSQ**	**CSPE**	**CQSPE**
Certification: description	Associate in Software Testing	Software Tester	Manager of SW Testing	Associate in Software Quality	Software Quality Analyst	Manager of Software Quality	Software Process Engineer	Quantitative Software Process Engineer
Audience	Degree and/or 1-3 years of experience in IS	Testers, 2+ Years of Experience in IT	CSTEs, 6+ Years of Experience	Degree and/or 1-3 years of experience in IS	Quality Analysts, 2+ Years of Experience in IT	CSQAs, 6+ Years of Experience	Degree and/or 1-3 years of experience in IS field	CSPE, degree and 3+ years of experience
Cost	$200 (includes CBOK)	$350 to $420 (includes CBOK)	$600 (includes CBOK)	$200 (includes CBOK)	$350 to $420 (includes CBOK)	$600 (includes CBOK)	$200	$200
Duration/Recertification	Contact QAI	3 Years	3 Years	Contact QAI	3 Years	3 Years	3 Years	3 Years
AREAS OF KNOWLEDGE	**SPECIFIC COVERAGE OF KNOWLEDGE AREA TOPICS BY BODY OF KNOWLEDGE BY CERTIFICATION**							
QC	(1) Software Testing Principles and Concepts	(1) Software Testing Principles and Concepts		(7) Quality Control Practices	(7) Quality Control Practices		SE 501: An Introduction to Software Testing	
Test Environment	(2) Building the Test Environment	(2) Building the Test Environment						
Test Management	(3) Managing the Test Project	(3) Managing the Test Project						
Test Planning	(4) Test Planning	(4) Test Planning	(1) Test Planning					
Test Execution	(5) Executing the Test Plan	(5) Executing the Test Plan	(3) Managing Test Execution					
Defect Tracking & Reporting	(6) Test Status, Analysis and Reporting	(6) Test Status, Analysis and Reporting	(2) Test Reporting					
UAT	(7) User Acceptance Testing	(7) User Acceptance Testing						
Offshoring & Outsourcing	(8) Testing Software Developed by Outside Organizations	(8) Testing Software Developed by Outside Organizations		(10) Outsourcing, COTS and Contracting Quality	(10) Outsourcing, COTS and Contracting Quality			
Internal Controls	(9) Testing Software Controls and the Adequacy of Security Procedures	(9) Testing Software Controls and the Adequacy of Security Procedures		(9) Internal Control and Security	(9) Internal Control and Security	(5) Security		
Automation & Tools	(10) Testing New Technologies	(10) Testing New Technologies						
Continuous Improvement			(4) Define, Deploy, and Improve Work Processes	(6) Define, Build, Implement and Improve Work Processes	(6) Define, Build, Implement and Improve Work Processes	(3) Define, Deploy, and Improve Work Processes		QP100: Quantitative Software Process Management
Measurement			(5) Measurement	(8) Metrics and Measurement	(8) Metrics and Measurement	(4) Measurement and Statistical Analysis	SE202: Software Project Measurement and Metrics	QP100: Quantitative Software Process Management
Teams			(6) Organizational Development (Teams & Management)			(6) Organizational Development (Teams & Management)		
Communication			(7) Communication (Leadership & Behavioral Skills)			(7) Communication (Leadership & Behavioral Skills)		
Quality Management				(2) Quality Leadership	(2) Quality Leadership		SE 301: Basic Concepts of Software Quality	
Quality Models				(1) Quality Principles and Concepts	(1) Quality Principles and Concepts			
Baselines				(3) Quality Baselines (Assessments and Models)	(3) Quality Baselines (Assessments and Models)	(2) Assessments		
QA				(4) Quality Assurance	(4) Quality Assurance		SE 303: Formal Technical Reviews (FTR)	
Quality Planning				(5) Quality Planning	(5) Quality Planning	(1) Quality Planning		
Auditing								
Data-Driven Analysis								QP100: Quantitative Software Process Management
Voice of Customer								
Six Sigma								
Quality Deployment								
Process Management							SE100: Software Engineering Process Approach	QP100: Quantitative Software Process Management
Project Management							SE201: Basic Concepts of Software Project Management	
Statistics								QP100: Quantitative Software Process Management
DFSS								
Training & Development								

Organization	AMERICAN SOCIETY FOR QUALITY (ASQ) http://www.asq.org						
Certification: acronym	**CQA**	**CQIA**	**CQPA**	**CSSGB**	**CSSBB**	**CSQE**	**CMQ/OE**
Certification: description	Quality Auditor	Quality Improvement Associate	Quality Process Analyst	Six Sigma Green Belt	Six Sigma Black Belt	Software Quality Engineer	Manager of Quality/ Organizational Excellence
Audience	Auditors 3 to 8 years of experience*	Quality Analysts 2 years of experience	Process Engineer, QA 2 years of experience	Quality Analysts 3 years of experience	Quality Analysts 3 years of experience, 1 six sigma project	QA, QC 3 to 8 years of experience*	Quality Managers, QA 5 to 10 years of experience*
Cost	$230 ASQ members $390 non-members	$155 ASQ members $335 non-members	$155 ASQ members $335 non-members	$175 ASQ members $335 non-members	$260 ASQ members $420 non-members	$230 ASQ members $390 non-members	$290 ASQ members $450 non-members
Duration/Recertification	3 Years	Lifetime	Lifetime	Lifetime	3 Years	3 Years	3 Years
AREAS OF KNOWLEDGE							
QC						(1) General Knowledge	
Test Environment						(7) Software Configuration Management	
Test Management						(6) Software Verification & Validation	
Test Planning							
Test Execution							
Defect Tracking & Reporting							
UAT							
Offshoring & Outsourcing							
Internal Controls							
Automation & Tools							
Continuous Improvement		(3) Continuous Improvement	(2) Problem Solving & Improvement	(5) Improve & Control	(7) Improve		
Measurement				(3) Measure	(5) Measure	(5) Software Metrics & Analysis	
Teams		(2) Teams			(3) Team Management		(1) Leadership
Communication							
Quality Management						(2) Software Quality Management	
Quality Models		(1) Quality Basics	(1) Quality Basics				
Baselines	(5) Quality Tools & Techniques			(2) Define	(4) Define		
QA							
Quality Planning							
Auditing	(1) Auditing Fundamentals (2) Audit Process (3) Auditor Competencies (4) Audit Program and Business Applications						
Data-Driven Analysis			(3) Data Analysis	(4) Analyze	(6) Analyze		
Voice of Customer			(4) Customer-Supplier Relations				(6) Supply-Chain Management
Six Sigma				(1) Overview: Six Sigma & the Organization			
Quality Deployment					(1) Enterprise-wide Deployment		(2) Strategic Plan Development and Deployment
Process Management					(2) Organizational Process Management & Measures	(3) Systems & Software Engineering Processes	
Project Management					(8) Control	(4) Project Management	(3) Management Elements and Methods
Statistics				(3) Measure	(5) Measure		(4) Quality Management Tools
DFSS					(9) Design for Six Sigma		(5) Customer-Focused Organizations
Training & Development							(7) Training and Development

Organization	INTERNATIONAL SOFTWARE TESTING QUALIFICATIONS BOARD (ISTQB) http://www.astqb.org		INTERNATIONAL INSTITUTE FOR SOFTWARE TESTING (IIST) http://www.testinginstitute.com	
Certification: acronym	**CTFL**	**CTAL**	**CSTP**	**CTM**
Certification: description	Tester, Foundation Level	Tester, Advanced Level	Software Test Professional	Test Manager
Audience	Entry level, 0+ Years of Experience	Technical Test Analyst, Test Analyst, Test Manager	QC, 1 year of Experience	Anyone with 3+ Years of Experience
Cost	$250	$300	$695 - $2695 (+$120 Graduation fee)	$695 - $2695 (+$120 Graduation fee)
Duration/Recertification	Lifetime	Contact ISTQB	3 Years	3 Years
AREAS OF KNOWLEDGE				
QC	(1) Fundamentals of Testing	(1) Basic Aspects of Software Testing	(1) Principles of Software Testing	(1) Test Process Management
Test Environment	(2) Testing Throughout the Software Life Cycle	(2) Testing Process		(4) Test Organization Management
Test Management	(3) Static Techniques	(4) Test Techniques	(3) Managing the Testing Process	(2) Test Project Management
Test Planning	(4) Test Design Techniques	(5) Testing of Software Characteristics	(2) Test Design	
Test Execution	(5) Test Management	(3) Test Management	(4) Test Executions and Defect Tracking	
Defect Tracking & Reporting		(7) Incident Management	(4) Test Executions and Defect Tracking	(2) Test Project Management
UAT			(5) Requirements Definitions, Refinement and Verification	
Offshoring & Outsourcing				
Internal Controls				
Automation & Tools	(6) Tool Support for Testing	(9) Test Tools & Automation	(6) Test Automation	(6) Test Automation Strategies & Architectures
Continuous Improvement		(8) Standards & Test Improvement Process		(3) Test Process Measurement and Improvement
Measurement				
Teams		(10) People Skills - Team Composition		
Communication				
Quality Management				
Quality Models				
Baselines				
QA		(6) Reviews	(7) Static Testing (Inspections, Reviews, and Walkthroughs)	(7) Software Quality Assurance
Quality Planning				
Auditing				
Data-Driven Analysis				
Voice of Customer				
Six Sigma				
Quality Deployment				
Process Management				(5) Risk Management
Project Management				
Statistics				
DFSS				
Training & Development				

* QAI Certification Pre-Requisites on Years of Experience (CAST/CASQ)	A 3 year degree or 4 year degree from an accredited college-level institution, or A 2 year degree from an accredited college-level institution and 1 years experience in the information services field, or Three years experience in the information services field
* QAI Certification Pre-Requisites on Years of Experience (CSTE/CSQA)	A 4 year degree from an accredited college-level institution and 2 years experience in the Information Technology field, or A 3 year degree from an accredited college-level institution and 3 years experience in the Information Technology field, or A 2 year degree from an accredited college-level institution and 4 years experience in the Information Technology field, or Six years experience in the Information Technology field
* QAI Certification Pre-Requisites on Years of Experience (CMST/CMSQ)	A bachelor's degree from an accredited college-level institution plus a minimum of 4 years experience in the software testing field, or An associate degree plus a minimum of six years of experience in the software testing field, or Eight years of experience in the software testing field.
* ASQ Certification Pre-Requisites on Years of Experience	Diploma from a technical or trade school—one year will be waived Associate degree—two years waived Bachelor's degree—four years waived Master's or doctorate—five years waived