Certified Testing Foundation (CTF)

Global Certification Program

✔ Globally lifetime Valid Certification

✔ Lifetime Valid Certification

✔ AI based Roleplay & Simulations

✔ Two Exam Attempts

GSDC
Testing Foundation
CERTIFIED

An Overview

what you can expect from this program

Software quality assurance is the backbone of reliable and high-performance applications in the fast-paced world of the digital market. The Certified Testing Foundation (CTF) certification will prepare professionals with the fundamentals to analyze and prevent software defects from delivering seamless functionality and usability.

This certification recognizes your competency in methods, tools, and best practices in testing, which in turn allows you to add value at any time within the SDLC. Therefore, CTF certification would also present various career opportunities, such as Quality Assurance Engineer, Test Lead, or Test Manager.

The certification is a professional recognition that brings credibility to aspiring testers, as well as seasoned professionals, further paving the way for brilliant opportunities in the homeless world of software quality assurance.

	Type	Online self-paced learning, Mocks
	Language	English (including subtitles)
	Access	12 months
	AI based Role play	Prepare yourself for career with AI based roleplay
	Digital certificate upon completion (2 Attempts)	
	Card Payment, Bank Transfer	
	Reading materials & Reference Templates	
	100% money back guarantee*	

GSDC Introduction

Welcome to the Global Skill Development Council (GSDC)!

As an independent, vendor-agnostic certification organization, we empower professionals worldwide.

Leading MNC organizations and global universities recognize our certifications.
With a diverse portfolio of over 100+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 50,000 professionals.

Partnered with 50+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

Join us today and let your skills soar to new heights!

Introduction

Certified Testing Foundation (CTF)

It is time to reflect on the fact that such an opportunity in the modern world of digital development is incredibly valuable, and the GSDC testing foundation certification is only the tip of the iceberg of the necessity of proper software testing.

This certification ensures that the professionals possess the most relevant knowledge in the challenging world of software quality assurance thus nurturing their ability to provide the necessary quality assurance for the applications that define our day-to-day operations.

A certified testing foundation proves proficiency in testing approaches, strategies, and tools, which in turn allows testers to find, recognize, and prevent possible software issues.

But achieving the testing foundation certificate not only helps to certify the candidate but also creates the possibility to work in any stage of the software development life cycle because it opens many great opportunities for him/her: becoming the quality assurance engineer, test lead, or test manager.

Learning Objective

- Understand core principles and fundamentals of software testing

- Master various testing techniques and their applications

- Learn effective defect management and reporting practices

- Explore testing tools and their role in automation

- Develop skills for test case design and validation

- Understand testing's role across the software development lifecycle

- Familiarize with testing metrics and quality assurance standards

- Acquire the ability to communicate testing findings effectively

- Prepare for advanced certifications in the software testing domain

OBJECTIVES OF CERTIFIED TESTING FOUNDATION

Curriculum

1.Fundamentals of Testing:
•Test Objectives
•Testing and Debugging
•Testing's Contributions to Success
•Testing and Quality Assurance (QA)
•Errors
•Defects
•Failures
•Root Causes
•Testing Principles
•Test Activities
•Testware and Test Roles
•Test Activities and Tasks
•Test Process in Context
•Testware
•Traceability between the Test Basis and Testware
•Roles in Testing
•Team Approach
•Independence of Testing

2.Testing throughout the Software Development Lifecycle:
•Impact on SDLC
•Testing as a Driver for Software Development
•DevOps and Testing
•Shift-Left Approach
•Retrospectives and Process Improvement
•Test Levels and Test Types
•Confirmation Testing and Regression Testing
•Maintenance Testing

3.Static Testing & Review Process:
•Value of Static Testing
•Differences between Static Testing and Dynamic Testing
•Feedback and Review Process
•Review Process Activities
•Roles and Responsibilities in Reviews
•Review Types
•Success Factors for Reviews

4.Test Analysis and Design:
•Test Techniques Overview
•Black-box Test Techniques
•Equivalence Partitioning
•Boundary Value Analysis
•Decision Table Testing
•State Transition Testing
•White-box Test Techniques
•Statement Testing and Coverage
•Branch Testing and Coverage
•The Value of White-box Testing
•Experienced-based Test Techniques
•Error Guessing
•Exploratory Testing
•Checklist-Based Testing
•Collaboration-based Test Approaches
•Collaborative User Story Writing
•Acceptance Criteria
•Acceptance Test-driven Development

5.Managing the Test Activities:
•Test Planning
•Tester's Contribution to Iteration and Release Planning
•Entry Criteria and Exit Criteria
•Estimation Techniques
•Test Case Prioritization
•Test Pyramid
•Testing Quadrants
•Risk Management
•Risk Definition and Risk Attributes
•Project Risks and Product Risks
•Product Risk Analysis
•Product Risk Control
•Test Monitoring
•Test Control and Test Completion
•Metrics Used in Testing
•Purpose, Content, and Audience for Test Reports
•Communicating the Status of Testing
•Configuration Management

Unleash Unlimited Potential

All GSDC certifications come with a lifetime membership, offering you a world of benefits to fuel your professional growth.

Expert Created Learning Material
Learn from knowledge shared by Top Industry Experts with 15+ yrs of experience.

Access to Global Conferences
Be a part of GSDC thriving learning community around the world, sharing knowledge from across the world.

Speaker invites @ GSDC Webinar Series
Share your knowledge with world at GSDC global webinar series, share your expertise and learn from others.

Downloadable Resources
Get access to templates and reference documents which will help you to do your day to day tasks easier.

Certificate Upgrades
Get complimentary certificate upgrades to keep up with the latest updates in processes and frameworks.

Newsletters, blogs with industry insights
Get newsletters, announcements and articles curated by experts direct to your inbox.

AI Based Role Play
Learn to implement applicability of knowledge with real life simulation based games.

What You Get In this Certification Program?

- Engaging digital learning videos

- Exclusive access to Global thought leader sessions & case studies

- Downloadable and implementable resources to support practical application

- Two mock exams with unlimited attempts for comprehensive preparation

- Certification exam voucher with 1-year validity

- Two attempts for certification exam

What our Candidates Saying?

We greatly appreciate the feedback from our program participants on Trustpilot. With an impressive average rating of 4.7 out of 5, their reviews highlight the positive experiences and value they have gained from our program.

Global Skill Development Council - GSDC
Reviews 178 • Excellent
⭐⭐⭐⭐ 4.7 ⓘ
✓ VERIFIED COMPANY

chandrasekaran j
2 reviews ⦿ IN
⭐⭐⭐⭐⭐
Jul 18, 2023

I had a experience with GSDC with their…

I had a experience with GSDC with their SRE course and it was very good. The speakers were very knowledgeable and kept it very interactive . Thanks the GSDC team for this !

Date of experience: April 13, 2023

👍 Useful   ⤴ Share

Tosin Olaniyi
1 review ⦿ NG
⭐⭐⭐⭐⭐
Jul 11, 2023

The learning portal was so seamless

The learning portal was so seamless, and user friendly. The course are so detailed, easy to understand, great lecturers. Safe to say the best learning platform I've used so far. I would recommend learning from GSDC to anyone. You sure will get a value for your money.

Date of experience: July 08, 2023

👍 Useful   ⤴ Share

Majid
1 review ⦿ IN
⭐⭐⭐⭐⭐
Sep 25, 2023

GSDC has been doing a great job in making learners gain knowledge!

GSDC has been doing a great job in making the learners find right opportunities to gain knowledge for business! These two days were filled with knowledge and insights!

Date of experience: September 25, 2023

👍 Useful   ⤴ Share

Amani
1 review ⦿ AE
⭐⭐⭐⭐⭐
Aug 15, 2023

Certified Learning & Development Professional CLDP

I took the certification course "Certified Learning & Development Professional CLDP" approved by the GSDC - Global Skill Development Council. So grateful to the professional team at the GSDC for this enlightening opportunity; namely, Ruguozeno, for her dedication, responsiveness, and constant support throughout this learning journey. And very special thanks to the amazing trainer and coach Deepak Sharma for the great weekly live sessions which I believe are the highlight of this certification programme. His knowledge, expertise, and outstanding skills have made the course very insightful, engaging, and enjoyable!

Date of experience: July 21, 2023

Enrollment-Options

Option-1

**Certified Testing Foundation
with E-learning**

**Fast-track your career by
learning a new
skill and earning a certificate**

✓ E-Learning from Industry Experts

✓ 1 Certification Program

✓ Two Exam Attempts

✓ Lifetime Valid Certification

✓ Downloadable Resources

ENROLL NOW

Option-2

Bundle

**Create your own bundle with
3 certification program**

✓ 3 Certification Program

✓ Two Exam Attempts

✓ Lifetime Valid Certification

✓ Learning Library Access

✓ Downloadable Resources

✓ GSDC Membership

ENROLL NOW

Option-1 Testing Foundation certification with E-learning

Testing Foundation certification with Digital Learning

Fast-track your career by learning a new skill and earning a certificate

✓ E-Learning from Industry Experts

✓ 1 Certification Program

✓ Two Exam Attempts

✓ Lifetime Valid Certification

✓ Downloadable Resources

ENROLL NOW

Option-2

Make Your Own Testing Foundation certification Bundle

Enrich your skills and advance your career with our exclusive bundle. Get certified in the following:

- Certified Selenium Testing Professional (CSTP)
- Certified Cloud Testing Foundation
- Certified Cloud Testing Advance
- Certified Software Security Tester Foundation
- Certified Agile Tester Foundation

Expand your expertise, design impactful learning experiences, and master your skills.

BUY ANY

3

CERTIFICATIONS

Claim Your Bundle Here!

Unlock Workforce Potential Through Skill Validation!

Enroll now with the code **UPSKILL10** To avail 10% discount.

Register Now

100% Money Back Guarantee!

At GSDC, quality is our top priority. Our certification programs are designed to foster professional growth and ensure learning satisfaction. If you do not pass the certification exam after two attempts, we offer a 100% money-back guarantee.

- No Questions Asked*

- 100% Amount Refund*

- No Processing Fees*

Thank You

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