

Certified Advanced Software Security Tester (CASST)

Global Certification Program

- ✓ Globally lifetime Valid Certification
- ✓ Lifetime Valid Certification
- ✓ AI based Roleplay & Simulations
- ✓ Two Exam Attempts



An Overview

what you can expect from this program

The GSDC Software Security Advanced Certification - Advanced Level (CASST) equips professionals with the skills to identify and mitigate threats, ensuring the security of valuable data. This certification focuses on risk assessment, vulnerability testing, and penetration testing, empowering you to safeguard systems and maintain confidentiality.

By earning CASST, you demonstrate your expertise in software security testing and contribute to stronger security practices. The certification assures organizations that their products meet the highest security standards, positioning you as a key player today.

	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 150+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 250,000 professionals.

Partnered with 100+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

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



Introduction

Certified Advanced Software Security Tester

GSDC's software security advanced certification - Advanced Level (CASST) certification is designed to equip professionals with the necessary skills to identify potential threats and weaknesses in systems, ensuring the security of valuable data.

By conducting testing in a protected environment, individuals can mitigate the risks associated with failures and maintain the confidentiality of sensitive information.

This certification not only instills confidence in organizations regarding their products' security but also emphasizes the importance of risk assessment, vulnerability assessment, and penetration testing in ensuring robust software security. The CASST certification exam syllabus covers a wide range of topics in software security testing, making it imperative to undergo training before attempting the exam.

With this certification, professionals are empowered to navigate the ever-evolving technology landscape and contribute to the enhanced security standards demanded in today's world.



Learning Objective

- Efficiently detect and address potential threats and weaknesses.
- Thoroughly test systems to ensure their security.
- Protect sensitive data against unauthorized access.
- Reduce costs and mitigate risks of failures.
- Boost confidence in products through successful testing.
- Apply risk assessment and vulnerability assessment methodologies.
- Conduct penetration testing to evaluate system vulnerabilities.
- Stay up-to-date with evolving software security standards.
- Contribute to the implementation of robust software security measures.

OBJECTIVES OF ADVANCED SOFTWARE SECURITY TESTER

Curriculum

1. Introduction to Security Testing:

- Software Testing Background
- CIAA++

2. Software Application Risk:

- Software Security Risks
- Understanding Risk
- Threat Modeling
- Architecture Risk Analysis
- Risk Assessment
- Prioritizing Security Assurance
- Compliance Failure
- Security Breaches
- Reduced Performance

3. Application Security Testing:

- Types of App Security Testing
- Static Application Security Testing (SAST)
- Dynamic Application Security Testing (DAST)
- Interactive Application Security Testing (IAST)
- Discovery & Reconnaissance Analysis
- Vulnerability Scanning
- Security Assessments
- Red Teaming
- Security & Compliance Audit
- Reconnaissance and Scanning
- Software Composition Analysis (SCA)
- Runtime Application Self-Protection (RASP)

4. Requirements:

- Functional Security Requirements
- Non-Functional Security Requirements
- Addressing Conflicts
- Identifying Security Requirements

5. Authentication:

- Attacks Against Authentication
- Session IDs and Cookies
- Authentication Testing
- Race Conditions
- Session Management
- Replay Attacks
- Cross-Site Request Forgery (CSRF)

6. Access Control:

- Methods of Testing Access Control
- Techniques for recovery

7. Database Security Testing

- Types Of Threats On Database
- SQL Injections
- Misconfiguration Of Database
- Denial of Service (DoS)
- Database Testing Process
- Penetration Testing, Risk Assessment, SQL Injection Validation, Password Cracking, Security Audit
- Database Security Testing Techniques.
- Recovery Techniques
- Reporting & Documentation

8. Security Testing In Process:

- Security in an Agile Process
- Security in a Waterfall Framework
- Creating a Security Test Plan
- Security Tools in a DevOps Process

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



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



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



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



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, Ruguzeno, 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



Expert-Led Generative AI: Learn, Connect, Grow



Interactive Learning Experience:

Ask questions, discuss case studies, and receive implementation guidelines directly from expert, enhancing your understanding of complex AI topics



Lifelong Learning Journey:

Enjoy lifetime access to these sessions, ensuring you stay updated with the latest trends and continuously grow your AI expertise



Career-Boosting Network:

Connect with fellow professionals in the field, creating valuable relationships that can propel your career in the world of Generative AI

AI-Based Interview Practice Platform



- Engage With Real Time AI Interview Questions.
- Practice Questions Tailored with Your Expertise.
- Validate your Knowledge of subject Matter.

Capstone Project



- Apply Your Skills in Real World Scenario.
- Learn Methodologies Aligned to Your Expertise.
- Validate Skills and Knowledge Gained through the Certification.
- Showcase Expertise via a Capstone Project.

Enrollment-Options

Option-1

Certified Advanced Software Security Tester With E-Learning

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

- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-2

Bundle

Create your own bundle with 3 certification program

- ✓ 3 Certification Program
- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-1 Certified Advanced Software Security Tester With E-Learning

Certified Advanced Software Security Tester 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



Option-2

Make Your Own Certified Advanced Software Security Tester Bundle

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

- Certified Cloud Testing Advance (CCTA)
- Ethical Hacking Foundation Certification
- Certified Agile Tester ? Foundation Level
- Certified Cloud Testing Foundation (CCTF)

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

BUY ANY

3

CERTIFICATIONS

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Unlock Workforce Potential Through Skill Validation!

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

Register Now



100%
MONEY BACK

GUARANTEE

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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