



TRAINING OVERVIEW

CYBER BRAIN ACADEMY, LLC

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1.0 Company Overview

Cyber Brain Academy is a veteran-owned small business headquartered in San Diego, California. We are an experienced IT training company that expertly prepares cyber security professionals for the CompTIA Cybersecurity Analyst (CySA+) examination. Cyber Brain Academy is a CompTIA Authorized Training Provider with an exceptional staff of instructors, who are licensed and certified through CompTIA to provide you the CySA+ training you deserve.



**CYBER BRAIN
ACADEMY**



Cyber Brain Academy is the product of years of research and collaboration with expert cyber security professionals and members of academia. Our team spent over two years working with educators and assessment specialists to design a complete and effective cyber security education experience. Our innovative approach to learning earned us the award of **Most Innovative Cyber Security Training Provider – USA!**

As a veteran-owned small business, Cyber Brain Academy proudly supports the Navy SEAL Foundation. We donate 20% of our live-online training session earnings to the Navy SEAL Foundation in support of their mission of service to the Naval Special Warfare community and its families.



2.0 CySA+ Training Course

CompTIA CySA+ is the only intermediate high-stakes cybersecurity analyst certification with both hands-on, performance-based questions and multiple-choice questions. CySA+ is an international, vendor-neutral cybersecurity certification that validates critical knowledge and skills that are required to prevent, detect, and combat cybersecurity threats. You will earn 40 Continuing Education Units (CEUs) for completing Cyber Brain Academy's CySA+ training session.



2.1 Scope

Cyber Brain Academy will proudly provide you with a five day live-online, instructor-led CySA+ training experience. Our CysA+ instructor and course materials will provide you with in-depth, technical CySA+ domain knowledge that covers Threat Management, Vulnerability Management, Cyber-Incident Response, and Security Architecture and Tool Sets.



2.2 Our Approach to Training

Cyber Brain Academy provides a comprehensive CySA+ training experience by conducting our training in three phases – Pre-Training, Live-Online CySA+ Training, and Post-Training – to ensure optimum success.

2.2.1 Phase 1: Pre-Training

Phase 1 consists of early access to your CySA+ course materials. You will be given access to your CySA+ course materials 14 days prior to your training experience. This allows for an engaging training experience and increased competency during Phase 2. All of our training materials are up to date and cover the latest version of the CySA+ CS0-002 exam.

2.2.2 Phase 2: Five Day Live-Online, Instructor-led CySA+ Training

Phase 2 consists of comprehensive instruction by our CompTIA authorized instructor. Your five day live-online training session consists of engaging training materials, practice questions, daily-recaps, and question & answer sessions between you and our experienced instructor.

Please refer to the training schedule highlighted in Appendix A ([Table 1.0 – Schedule of Live-Online CySA+ Training Session](#)) for a detailed breakdown of course topics and activities.

2.2.3 Phase 3: Post-Training

Phase 3 consists of reviewing your gained competency through our provided course materials. Our team of certified instructors will be available one month after your course to answer any questions that you may have about your training experience or the CySA+ exam. This is a feature only provided through Cyber Brain Academy and demonstrates our ongoing commitment to you.

2.2.4 Research and Statistics

The U.S. Bureau of Labor Statistics predicts that information security analysts will be the fastest growing job category, with 37 percent overall growth between 2012 and 2022.

Of managers responsible for security in the 12 countries covered by CompTIA's International Trends in Cybersecurity survey, **8 out of 10** expect security to become an even higher priority over the next two years (79 percent net of moderately higher and significantly higher).

3.0 Our Educators

Cyber Brain Academy provides only highly screened instructors that are licensed and authorized to teach our students. As a veteran-owned small business, Cyber Brain Academy takes pride in prioritizing former military professionals who have met our rigorous requirements and civilians who have made significant contributions to our military by providing our brave service members with education and professional development services.



3.1 Evaluation Criteria

Only CompTIA authorized instructors may teach for Cyber Brain Academy. Each of Cyber Brain Academy's instructors possesses a minimum of 15 years of relevant IT experience, five years of teaching experience and a master's level education.

4.0 Course Materials

Cyber Brain Academy will provide you with the following course materials for your live-online CySA+ training experience:

- CompTIA Authorized CySA+ Instructor
- Official CompTIA CySA+ Self-Paced Study Guide (CS0-002) Digital Book
- Official CySA+ Virtual Labs on Demand
- Official CompTIA CySA+ CertMaster Exam Preparation Courseware
- Official CompTIA Cybersecurity Analyst (CySA+) Exam Voucher

5.0 Customer Service

Cyber Brain Academy provides you with a customer engagement specialist throughout the duration of your CySA+ training experience, at no additional cost.

Cyber Brain Academy is dedicated to your satisfaction. After you complete your five days of instructor-led training, our engagement specialist will contact you with an optional survey to help us evaluate both our curriculum and our instructors, to ensure that we maintain the highest standard of quality.



Appendix

Schedule	CySA+ Domains	Topics Covered
Day 1	Introductions	<ul style="list-style-type: none">• Introductions and review of exam objectives
	Threat Management	<ul style="list-style-type: none">• Apply environmental reconnaissance techniques using appropriate tools and processes• Analyze the results of a network reconnaissance• Implement or recommend the appropriate response and countermeasure to a network-based threat• Explain the purpose of practices used to secure a corporate environment• Q&A
Day 2	Vulnerability Management	<ul style="list-style-type: none">• Recap• Implement an information security vulnerability management process• Analyze the output resulting from a vulnerability scan• Compare and contrast common vulnerabilities found in an organization• Q&A
Day 3	Cyber-Incident Response	<ul style="list-style-type: none">• Recap• Distinguish threat data or behavior to determine the impact of an incident• Prepare a toolkit and use appropriate forensics tools during an investigation• Explain the importance of communication during the incident response process• Analyze common symptoms to select the best course of action to support incident response• Summarize the incident recovery and post-incident response process• Q&A
Day 4	Security Assessment and Testing	<ul style="list-style-type: none">• Recap• Explain the relationship between frameworks, common policies, controls, and procedures• Use data to recommend remediation of security issues related to identity and access management• Review security architecture and make recommendations to implement compensating controls• Use application security best practices while participating in the Software Development Life Cycle (SDLC)• Compare and contrast the general purpose and reasons for using various cybersecurity tools and technologies• Q&A
Day 5	Domain Review	<ul style="list-style-type: none">• Review of all topics• Review of exam breakdown• Practice test• Final Q&A

Table 1.0 – Schedule of Live-Online CySA+ Training Session