



CompTIA Cybersecurity Analyst+ (CySA+) CS0-003 Exam Prep

UWF Florida Cybersecurity Training Program
Offered by the University of West Florida Center for Cybersecurity

Course Overview

Course Dates: March 3 - May 2, 2025

Duration: 9 weeks (8 weeks study + 1 week testing)

Estimated Time Commitment: 20 hours per week (May need more time depending on your background and experience)

Instructional Hours: 40 contact hours

Delivery Format: Asynchronous online

Target Audience: IT and Cybersecurity practitioners

Required Prerequisites / Background: Recommended Network+, Security+, or equivalent knowledge. Minimum of 4 years of hands-on experience as an incident response analyst or security operations center (SOC) analyst, or equivalent experience.

CEUs: 4, **CPEs:** 48

Course Instructor:

| Instructor | Email |
|------------------|------------------------------------------------------------|
| Connar McCasland | cmccasland@uwf.edu |

Course Description

The CompTIA Cybersecurity Analyst (CySA+) certification verifies that successful candidates have the knowledge and skills required to detect and analyze indicators of malicious activity, understand threat intelligence and threat management, respond to attacks and vulnerabilities, perform incident response, and report and communicate related activity.

Cybersecurity Workforce Framework Mappings

The course prepares for the following cybersecurity work roles as defined by the DoD Cyber Workforce Framework (DCFW) and the NICE Cybersecurity Workforce Framework.

DoD Cybersecurity Work Roles and Categories:

- Cyber Defense Analyst (Cybersecurity, Work Role ID: 511)
- Cyber Defense Incident Responder (Cybersecurity, Work Role ID: 531)
- Warning Analyst (Cyberspace Effects, Work Role ID: 141)



NICE Cybersecurity Work Roles and Categories:

- Defensive Cybersecurity (Protection and Defense, PD-WRL-001)
- Vulnerability Analysis (Protection and Defense, PD-WRL-007)
- Cyberspace Operations (Cyberspace Effects, CE-WRL-001)

Course Information

Materials:

- This course includes online curriculum, instructor videos, online labs, quizzes, practice tests, and problem-based questions similar to those used on the CySA+ exam.
- Students receive a voucher for testing

Technical Specifications:

Reliable high-speed Internet connection | Computer with up-to-date browser.

By enrolling for this course, I agree to abide by the Computing Resource Usage Agreement provided to me.

Grading:

Participants will be assigned a pass/fail grade. Participants must earn a total of 70% or higher on graded assessments to earn a passing grade.

| Assessment | Percentage |
|----------------------------|-------------------|
| Completion of Assignments | 70% |
| Proficiency of Assignments | 30% |
| Total: | 100% |



Course Overview / Schedule

| Week | Learn+Labs Lessons & Assignments |
|------|-------------------------------------------|
| 1 | Course Introduction, 01A, 01B, 01C |
| 2 | 02A, 02B, 02C |
| 3 | 03A, 03B, 03C, 04A, 04B |
| 4 | 05A, 05B, 05C, 06A, 06B, Schedule Exam |
| 5 | 07A, 07B, 08A, 08B |
| 6 | 09A, 09B, 10A, 10B, 10C |
| 7 | 11A, 11B, 11C, 12A, 12B |
| 8 | 13A, 13B, 14A, 14B, 14C, Final Assessment |
| 9 | Take Certification Exam |